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Gladiolus
Fanciers'
Guide
Book

1945

HERBERT O. EVANS
P. O. — SOLON, OHIO

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FIREBRAND

INTRODUCTORY

A GAIN, this booklet is planned for you. It adopts your point of view. It gives you hitherto unpublished facts upon which to base your own conclusions. It is not cluttered up with fictitious values.

A small portion of the information in this booklet is repeated from last year. In such instances, the data is still so valuable that we cannot possibly leave it out.

This is our 17th annual catalog. While we have been trying for years to say much in as little space as possible, this year we must outdo our former efforts. For the most part we are eliminating mention of prize winnings in variety descriptions inasmuch as our recent yearly tabulation of prize winning varieties seems to present a better over-all picture.

Undoubtedly you want others to admire your flowers, since appreciation of the general quality of your glads by your friends is gratifying. Our greatest effort is expended to eliminate your spending time on inferior sorts. To accomplish this we do not restrict our data to our own offerings and the more you read in this Guidebook the more you will be convinced that here is a little "instruction course" on Gladiolus with an irreducible minimum of bias.

For further valuable current literature on gladiolus, the one outstanding bargain is obtainable only through the Ohio State Gladiolus Society, the only society offering a three way combination membership including both the Canadian Gladiolus Society and the New England Gladiolus Society. For \$3.25—a \$5.00 value. Past experience relating to early exhaustion of N. E. G. S. yearbooks dictates the warning that acceptance of the offer should be made before the end of February. For more complete information see our "Society Page", page 34 hereof.

Our business is growing by leaps and bounds. Our ability to answer correspondence on relatively unessential subjects has almost reached the vanishing point. We pack our booklet with many pages of answers to many questions we get nevertheless. Every question vital to the selection and growing of good glads we think we have already answered somewhere in this booklet.

In an unguarded moment three years ago, when we were still able to hire reasonably adequate help, we took on the non-lucrative volunteer federal job of chairman of our local ration board. Three times our area has been expanded until now we cover 10 towns, suburbs to the south east of Cleveland. And no one wants our job. Now the gasoline problems alone for 10 towns take so much of our time that this work, our modest attempt to

do our bit in assistance to the war effort, must be our excuse (pardonable, we hope) for lack of reply to numberless communications.

No longer are we able to delegate to others, even at double recently going wage scales, all the detail and manual work we hitherto were able to sidestep for here in the center of a vast war industrial area both farm and horticultural labor has disappeared.

Horticultural costs have gone up and will go higher. Paper and printing and cartons, too.

A grower-cataloger of bulbs has certain inescapable costs: planting stock, use of land, its preparation, planting, cultivating, digging, hauling, curing, cleaning, grading, storage quarters, fumigating or other processes to combat insects and bulb diseases, advertising of one form or another, catalogs, postage, packing and shipping. There may be additional items of overhead such as clerical, irrigation, spraying, etc.

Heavier buying of the newer sorts has eaten into what should have been retained for propagating reserves. Inability to get planted much of the small stocks of the older sorts also contributed to our failure to offer top size bulbs of some varieties. Customers have been flooding us with orders (with check) against last year's listings to establish their rightful priority to bulbs of varieties in scarce supply. This buying has depleted large bulbs of several sorts and has prevented us from listing any size of several others.

However, we do not issue a fall list. But we do recommend that you place your order soon after receipt of this Guidebook to avoid, in so far as it is possible, the disappointment of sold out items. Especially as to seeds.

This business is still competitive but prices, particularly on the cheaper "standards" are up a bit to cover costs. In order to reduce clerical work and the general confusion resulting from discount items and net price items, the discounts are abandoned but the prices of most of the newer sorts are reduced to compensate and in many cases are lowered beyond that point.

Over the years we have built up an enviable reputation for generous filling of orders by medium of overcount, oversize, samples of new sorts to try, free bulbs for society memberships, free memberships and color charts, etc.

We appreciate receiving a portion of your bulb purchases. We do not necessarily solicit it all. By inducing you to seek society literature we deliberately put you in contact with the advertising of our "fiercest competitors"—J. D. Long, Elmer Gove, Carl Salbach and a host of other long time friends in the industry.

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NOTE—NEW POST OFFICE ADDRESS

COLOR CLASS TABULATION OF 1944 WINNERS

This tabulation of 1944 winners, coupled with like tabulations in our Guidebooks of recent years and those to follow, presents the best bird's eye view possible of the development and ebb of popularity of varieties. The listing includes every variety winning 3 or more 1st prize or special awards in 20 major gladiolus shows in central U. S. and Canada, namely: Canadian national, Quebec Soc. host; Empire (N. Y.) at Cortland, Elmira, Mohawk and Lima; W. Va.; Tri State at Wellsville, Ohio; Ohio State shows at Akron and Cleveland; Chagrin Falls, Ohio; S. E. Mich.; Ind. at Wabash; Ill. state at Momence and regionals at Champaign, Springfield, LeRoy, Chicago and Ottawa; Wis. at Milwaukee and Winnipeg.

Last February representatives of about 20 states (N. E. G. S. host) met at Pittsburgh to attempt restandardization of gladiolus classification which was rapidly disintegrating due to various and sundry efforts to improve upon the size classification first adopted by the Ohio society eleven years ago and shortly followed by the then existing National Commercial Growers Association, the American Gladiolus Society and most of the U. S., Australian and Canadian societies with minor variations. At that time the A. G. S. and N. E. G. S. policies were formed largely by commercial growers attentive to the needs of the gladiolus industry as a whole and the 3 size classification was adopted as simple and understandable. Now almost all societies in U. S. are amateur controlled and as long as this situation exists there may be continuing experimentation with resultant confusion in the industry.

At the moment we have a 5 size classification adopted by this group and reversing the direction of standard numbering series to "500 Giant, 400 Large, 300 Medium, 200 Small and 100 Miniature". The Ohio society (yours truly delegate) did not vote in favor of the change from 3 to 5 sizes. Why the delegates didn't take a fling at reversing the size of bulbs to number 6 for the largest size bulbs, etc., for good measure we wouldn't know. But we do know from 17 years of selling experience that our customers will not buy from us varieties under 3 inches so the added effort of tabulating the new 100 and 200 series will not be here undertaken. And we feel that long after our time people will still be calling glads "large, medium, and small".

We have undertaken here to correct some apparent size and color errors but we cannot guarantee that the corrections will be "officially" adopted.

Varieties are listed within their classification in the order of **OUR** preference, reflecting **OUR** opinion of their relative worth. The first number after variety name indicates the number of 1st prize awards. The second number indicates the number of special awards, section, division and grand champs and Awards of Merit. Those varieties showing no awards in this area in 1944 and those with less than 3 awards, it is necessary to include in order to reflect our opinion of their relative worth. As these are further propagated and become more widely disseminated we expect them to win their share of the awards.

GIANT

500 Series (over 5½ inches)

500 White—

Snow Cruiser 1-0
Crystal 2-0
Tunolia

501 White+

Margaret Barrett 1-0
Coronado
Truly White

506 Cream

June Bride
Corona 17-7
Shirley Temple 4-1
White Gold 9-0
Empire State 1-0

510 Light Yellow

Sir Galahad 8-0
Chagrin 1-0
Golden Galleon
Discovery

LARGE

400 Series (4½—5½ incl.)

400 White—

Myrna 15-1
Matterhorn
Igloo
Snow Princess 4-0
Benison 1-2

401 White+

Margaret Beaton 20-1
Silentium 4-0
Caribou 2-0
Candy Splash 2-0

406 Cream

Lady Jane 7-1
Wanda 6-4
Silver Wings
Leading Lady 18-6
Carry On 1-0
Ivy Robertson 6-1
Jersey Cream
Moonstone 3-1
Bingo 3-0

410 Light Yellow

Royal Gold 4-0
Golden Chimes 5-0
Elizabeth Maier 3-1
Jim Holland
Golden Yellow 1-0
Moneeta 3-1

MEDIUM

300 Series (3½—4¼ incl.)

300 White—

Lord Selkirk 1-2
Pearl Harbor 4-0
Alpine
Arctic Snow

301 White+

Robert Shippee 1-0

306 Cream

Mary Elizabeth 3-1
Green Light 2-0

310 Light Yellow

Cut Up 3-1
Harvest Moon 7-2
Impressario

GIANT

500 Series (over 5½ inches)

512 Deep YellowGolden State 3-0
Laburnum 2-0**516 Buff**Helen of Troy 20-4
King William 5-3
Dr. Whitely 4-0**520 Orange**Bobby Dazzler 5-0
Diane 2-0
Palermo 2-0
Col Wm Light 1-0**530 Light Salmon**Mrs. E. Both
Marlene Both 4-0
King of Hearts 4-0
Eglantine 1-2
K & M Triumph 2-0
Bengasi 1-4**532 Deep Salmon**Harmau 1-0
Aladdin 13-2
Marguerite 3-0
Madeleine Brown 1-4
Miss New Zealand 3-2
Titan 2-1
Blaze (Mar) 3-0
Ogarita 5-3
Genghis Khan 3-2**536 Scarlet**Tunia's Marvel 1-0
Destiny
Tunia's Triumph 2-0
Walk Over
Commando
Flaming Sword 1-1
Centennial (Fic) 2-0**540 Light Pink**Stella Antisdale 8-0
New Zealand Splendor
Big Top 7-0
Grand Opera 4-0
High Command
Merry Widow
Capeheart 3-0**542 Deep Pink**California 9-3
Summerwealth
Vista Bonita 2-0
Phoebe 1-0**550 Light Red**Ohio Nonpareil 4-1
Dr. A. J. Verhage 1-0
Gypsy Lass
Intruder 4-1
Flaming Velvet 2-1
Daniel Boone 1-0
Mammoth Ohio**LARGE**

400 Series (4½—5½ incl.)

412 Deep YellowTahlabneka 4-0
Spotlight 2-0
Amberglow 3-0**416 Buff**Mrs. Bland
Amulet 5-1
Paradise 2-0
Bingo 2-1
Marimba 3-1
Alsace 6-1**420 Orange**Tuts Both 6-4
All Glory
Dazzler 2-0
Coral Glow 7-0
Lantana
Hurricane
Bittersweet 4-3
Larime 3-0
Rio Rita 4-0
Bancroft Winsor 4-1
Barcarole 3-0**430 Light Salmon**H. B. Pitt 2-0
Picardy 21-2
Jeanie 7-1
Victory Queen 1-3
Glamis 3-0
Don Bradman**432 Deep Salmon**Spitfire 4-4
Tara
Marion Pearl 4-1
Kildonan 3-0
Smiling Maestro 5-0**436 Scarlet**St. Edward 1-0
Algonquin 20-7
Beacon 4-1
Southern Drama 2-0
Bush Ranger
Regent 1-0
Valeria 5-0**440 Light Pink**Greta Garbo 7-2
Mystery 1-2
Star Gazer
Candy Heart 4-0
Rima
Pink Radiance 5-0
Algoma
Criterion 6-0
Ethel Cave Cole 8-0**442 Deep Pink**Peggy Lou 7-0
Flora Farmer 1-0
Frank J. McCoy 1-1
Show Boat
Wings of Song 7-1
Rosy Morn (Ril) 4-0
Carillon 3-0**450 Light Red**Thriller 2-0
Globe Trotter 4-0
Rocket 6-1
Haekeye Red 1-0
Spotlight 7-0
Master Myron 4-0**MEDIUM**

300 Series (3½—4½ incl.)

312 Deep YellowGolden Goddess 4-2
Yangtze 2-0
Mother Kadel 9-4
Vangold 3-1
Golden Teton 3-0
King Midas 2-0
Golden Dream 3-1**316 Buff**

Donna 4-0

320 OrangeAcca Laurentia 3-0
Golden Queen 1-0
La Fiesta 2-0
Bit o'Heaven 10-0
Creve Couer 3-0**Light Salmon****332 Deep Salmon**Margaret Fulton 10-0
Bonneville 5-0**336 Scarlet**Mrs. R. McGovern 5-0
Firefly 1-0
Dr. Bennett 5-0**340 Light Pink**Camellia 4-0
Bleeding Heart 3-0
New Era 9-8**342 Deep Pink**Frost Pink 1-0
Santa Rosa**350 Light Red**

Red Phipps 4-3

GIANT

500 Series (over 5½ inches)

552 Deep Red

Rodney 3-0
Hindenburg's Mem. 4-0
Signal Ohio
Duke

554 Black Red

Rich Red 4-0
Rewi Fallu 13-0

560 Light Rose

Coutts' Orchid 2-0
W. R. Reader
Aurora
Festival Queen 2-0
Sensation 5-0
Exquisite 1-0

562 Deep Rose

Malta 1-0
Burma 3-0

566 Lavender

Minstrel
Elizabeth the Queen 17-1
Jubilee
Rose o' Day 1-0

570 Purple

Mrs. Mark's Mem. 5-1
Convoy
Takina
Parnassus 5-3

576 Light Violet

Rayshen 2-0
Blue Triumphator

578 Deep Violet

Pansy Blue

580 Smoky

Tunia's Mahomet 6-0
Flying Fortress 2-3
Misty Dawn 3-0
High Finance
Chief Multnomah
Caroline W. Gannett 3-0

590 Any Other Color

R. B. 7-2

LARGE

400 Series (4½—5½ incl.)

452 Deep Red

Red Charm 24-1
King Click 12-2
Red Viking 1-1
Armada
Jules Amott 1-0
Amer. Commander 4-0
Commander Koehl 3-0

454 Black Red

M. Trevan
Mohawk 6-0
Black Opal 16-1
Black Magic
Midnight Red
Arabella 2-0

460 Light Rose

Rosa Van Lima 10-0
Sunrise
Frances M. Irwin 6-1
Barbara 1-0
Miss Wisconsin 1-0
Magnolia 3-1
Ballad 2-0
Cape Cod 1-1

462 Deep Rose

H. R. Hancock 5-0
Leona 5-0
Red Lory
Red Giant 4-0
Timbuctoo 1-0
Silvery Teton 4-0

466 Lavender

Minuet 11-0
Badger Beauty 8-1
King Arthur 2-0
Isola Bella
Lavender Ruffles 4-0

470 Purple

Elanora 4-1
Vulcan
Lancaster
Stapleford 1-0
Purple Supreme 11-2
King Lear 19-5

476 Light Violet

Pfitzer's Success 1-0
Allegro
Blue Wonder 4-0
Milford 2-1
Porcelain Blue 1-0
Jos. Hayden 3-0

478 Deep Violet

Tunia's Blue
Robert Burns 2-0

480 Smoky

Pastel 5-1
Gray Dawn (Both) 2-0
Zuni 2-0
Mother Machree 4-0
Bagdad 5-0
Irak 3-0

490 Any Other Color

Buckeye Bronze 6-0
King Tan 14-1
Xerxes
McArthur
Zacatey 1-0
Sahara 3-0
Recado 7-0

MEDIUM

300 Series (3½—4¼ incl.)

352 Deep Red

Firebrand 1-1
Harlekin 2-0
Summer Fragrance 2-0

354 Black Red

Oeganda 2-0
Black Diamond 3-0
Red Velvet 2-1
Malay Chief 3-2
Brunette 1-1
Dr. Hoeg 3-0
Morocco 3-0

360 Light Rose

Chamouny 6-0
Charmaine
Garden of Nations 1-0

362 Deep Rose

Diplomat
Early Rose 7-0
Dream o' Beauty 3-0
Dorthea Kahn 3-0

366 Lavender

Gertrude Swenson 4-1
Lavender Queen 5-0
Colonial Maid 5-3
Lavender and Gold 1-0

370 Purple

Herbstfreude
Gloaming 11-0
Charles Dickens 5-0
Koran 2-1
Purple Classic 1-0

376 Light Violet

Blue Beauty 15-2
Max Reger
Jeanie James 4-0

378 Deep Violet

Oberbayern 3-1
Rudolph Serkin 3-0
Blue Admiral 3-0

380 Smoky

Intrepid 10-1

390 Any Other Color

Vagabond Prince 20-2
Pinocchio 4-0

REMARKS: In compiling the above records (not a quick and easy undertaking, we assure you) we started with the Ohio Soc. shows at Cleveland and Akron, Tri-State at Wellsville, Ohio, Chagrin at Chagrin Falls, Ohio and W. Va. at Wheeling. We were strongly tempted to quit right there, not because of the effort involved but because we never saw a better short tabulation of Recent Introductions and older "world beaters" worthy of acclaim.

Reminiscent of the fact that, over a period of about 15 years, Ohio resident exhibitors have frequently participated in distant A. G. S., Mich., Ind. and Midwest shows to bring home the bacon and most of the hardware was the remark of Mr. Fortnam, ranking U. S. amateur exhibitor, who frankly stated to a group of Ohio members that, in his opinion, the third prize winners of the Akron show could have all won first prize awards at the Boston show he had attended some days before.

However, we know our customers still want the broader average picture obtained by covering about 20 of the middle northern states and adjacent Canadian provinces.

RE THE OHIO 1945 SHOW: The Ohio Society plans to outdo all former efforts at its 1945 annual show which will be held August 27-28 (Mon.-Tues.) at the Higbee Auditorium, Public Square, Cleveland. At this show the schedule will call for domination of quantity spike vase arrangements over the customary domination of 1 and 3 spike color classes. Likely all classes will be wide open to all. Plan now to attend this show. If you can bring a few spikes write to us for a free Schedule. Also admission will be free.

ANALYSIS OF LAST PUBLISHED SYMPOSIUM RATINGS

The New England Gladiolus Society Symposiums so far appear to be of the "popular" type. Not too popular, judging by apparent lack of response. A membership symposium cannot possibly produce the up-to-the-minute ratings obtained by a selected group representative of growers and advanced amateurs who grow and get about the shows to see and appraise the latest offerings.

The Canadian Gladiolus Society Symposium, with participation limited to about ninety ranking growers and amateurs, classifies about 600 leading varieties "A" for outstanding, "B" good, "C" fair, "D" discard.

You may notice we have been closely anticipating the symposiums in our offerings for many years past. Undoubtedly our customers know this. And we are also offering now quite a number of varieties you will find appearing in the next symposiums. The % of "A" votes is based on a minimum of 15 voters reporting on the particular variety.

We prefer not to publicize faults or in any way discredit varieties we do not list. Therefore, with perhaps better experience than the average voter in the symposium, we just did not list several of the best 25 in the previous symposium and now find our judgment justified by their complete disappearance from the first 48 in the current symposium. The new faces in this list are in italics.

CANADIAN G. S. 1944					
Rank	Variety	% of A Votes			
1	Red Charm.....	93.44	23	<i>Lantana</i>	66.66
2	Myrna.....	87.69	24	Mrs. Mark's Memory.....	65.91
3	Greta Garbo.....	87.30	25	Minuet.....	65.57
4	Lady Jane.....	84.61	26	Snow Princess.....	65.38
5	Picardy.....	83.78	27	<i>Sir Galahad</i>	62.50
6	Helen of Troy.....	82.97	28	Algonquin.....	62.50
7	<i>Convoy</i>	81.25	29	Vista Bonita.....	61.53
8	<i>Burma</i>	80.00	30	Black Opal.....	60.93
9	Caribou.....	78.26	31	<i>Rosy Morn</i> (Mar).....	60.71
10	Glamis.....	77.77	32	<i>Queen of Bremen</i>	60.71
11	<i>White Gold</i>	76.19	33	Vagabond Prince.....	57.35
12	<i>Avalon</i>	75.61	34	Silentium.....	57.14
13	Elizabeth the Queen.....	75.51	35	Aladdin.....	56.71
14	<i>Moneeta</i>	75.00	36	Edelweiss.....	56.66
15	W. R. Reader.....	73.68	37	<i>Rima</i>	56.09
16	<i>Winston</i>	72.72	38	Zuni.....	54.54
17	Corona.....	71.79	39	Blaze (Marshall).....	53.84
18	<i>Arctic Snow</i>	71.42	40	Royal Gold.....	53.84
19	June Bride.....	70.58	41	<i>Stella Antisdale</i>	53.33
20	Margaret Beaton.....	70.58	42	<i>Ballad</i>	53.33
21	<i>Mermaid</i>	68.00	43	Beacon.....	53.03
22	<i>Yangtze</i>	66.66	44	<i>Rosa Van Lima</i>	52.94
			45	<i>Barbara</i>	52.63
			46	<i>Zona</i>	51.58
			47	Elanora.....	50.00
			48	Blue Beauty.....	50.00

TOP AND 2nd RATING VARIETIES IN ADOPTED COLOR CLASSES OF

CANADIAN G. S. 1944

White and Creamy W.....	Myrna	Scarlet, Light Red.....	Algonquin
Blush White.....	Lady Jane	Red, Crimson, Dp. Red.....	Beacon
Light Yellow.....	Avalon	Maroon, Black Red.....	Red Charm
Deep Yellow.....	Corona	Lt. Mauve, Lav., etc.....	Com. Koehl
Orange to Buff.....	Royal Gold	Med., Dp. Mauve, etc.....	Black Opal
Light Salmon, Lt. Rose.....	Fairy Queen	Purple.....	Arabella
Sal., O. S., Red Sal.....	Yangtze	Light Violet.....	Eliz. the Queen
Rose Sal., Sal. Rose.....	Golden Goddess	Med., Deep. Violet.....	Minuet
Medium, Deep Rose.....	Helen of Troy	Smoky, etc.....	Gertrude Swenson
	Lantana	Lt. Colors—Dp. Blotch.....	King Arthur
	Greta Garbo		Convoy
	Picardy		Mrs. Mark's Mem.
	Aladdin		Blue Beauty
	Blaze (Mar)		Pfitzer's Success
	Glamis		Blue Admiral
	Vista Bonita		Robert Burns
	Burma		Vagab'd Prince
	W. R. Reader		Zuni
			Moneeta
			Margaret Beaton

NOTES: Restriction on import into Canada (now ended) has retarded the appraisal of many varieties. However, the following had "A" average rating but not enough voters to score—Athlone, Badger Beauty, Beauvallon, Benison, Black Magic, Bobby Dazzler, Commando, H. B. Pitt, High Command, Highlight, Jeanie, Laburnum, Leading Lady, Legend, Malta, Margo, Marion Pearl, Marseillaise, Pandora, Purple Supreme, Rosy Morn (Riley), Spitfire and Susannah.

WISCONSIN SOCIETY 1944 POPULAR SYMPOSIUM: By condensed color groups White, Leading Lady and Snow Princess. Cream or Buff, White Gold and Corona. Salmon Pink, Picardy and Glamis. Pinks, tie Rosa Van Lima, Pink Radiance and Ethel Cave Cole. Yellow, Golden State and tie Vangold and Crinkle Cream. Lavender, Elizabeth the Queen and Badger Beauty. Red, Red Charm and Algonquin. Purple, King Lear and Purple Supreme. Violet, Blue Beauty and Blue Admiral. Smoky, Mother Machree and High Finance. Any other color, Vagabond Prince and R. B. The poll for "best gladiolus, any color", brought forth Bengasi, Corona, Leading Lady, Burma and Coutt's Orchid.

GRAND CHAMPION BLOOMS

The Grand Champion Bloom of the Show is, ipso facto, a sweepstakes award to the best spike in the Exhibition, wherever found.

Some (not many) hybridizers and catalogers are very loose in their use of the words "Winners," "Champions," etc. For your own protection, scrutinize these assertions closely and see if the winning is identified to time and place. An honest introducer of new varieties will be reasonably sure to specify rather than generalize or use language intended to deceive.

In recent years many of the larger shows have provision for sectional and division champions. Topping these, most sizeable shows now provide for the single spike Grand Champion Bloom of the Show. A few of them, where enough hybridizers exhibit to warrant, provision is made for Champion Seedling Bloom.

Grand Champions in major shows about the world inside the last eight years follow:

Abe—Wash., '40.

Aladdin—Ind., '38; Yakima and Winnipeg, '39; 2nd Calgary show, '40; East Bay, '41; Md., '42; Sask. and E. N. Y., '43; LeRoy, Ill. and Yakima Valley, '44.

Algonquin—Sioux City and Grants Pass, '41.

American Commander—W. Va., '40.

Bagdad—Quebec, G. S., '35; Yakima, '38; Pa., '39.

Beacon—Wash., '38; Wellsville, O., '39; Utah, '41.

Beauty Clinic—Ames (Ia.), '43.

Bengasi—Momence, Ill., '44.

Big Top—Tri State, Wellsville, O., '44.

Bingo—Waterloo, '42; Ill., '43.

Blue Wonder—Tasmania, '41.

Caibou—Quebec, '42 and '43.

Caroline W. Gannett—Empire, '42.

Chamouny—E. Bay, '40; 2nd day, Akron, Ohio, '44.

Colossus—Metro., '39.

Commander Koehl—Regina, '38; Hamilton Dist., '40.

- Corona**—Blue Ridge (Md.) and 1st Ohio Show, '42; So. Minn. and Victoria (Austr.), '43; Akron, Ohio and Ottawa, Ill., '44.
- Crystal**—So. Australia G. S., '37; Wyo., '41.
- Dazzler**—Ohio, '38.
- Del Ray**—Ill., '38, Nebr., '41.
- Donna**—2nd day Ohio, '43.
- Dr. Whitely**—Empire, '43.
- Elizabeth the Queen**—Ames (Ia.), '42.
- Essa Marie**—Hamilton, Ont., '44.
- Ethel Cave Cole**—2nd Calgary, '41.
- Fata Morgana**—West Australia, '41.
- Ferdinand's Fancy**—Utah, '40.
- Festival Queen**—Sydney, Austr., '41.
- Flagship**—C. G. S., '39.
- Frank J. McCoy**—C. G. S., Ames and Sioux City, '38; Conn. and Saskatoon, '39; Ill., '40.
- Gertrude Swenson**—Pac. N. W., '41.
- Grand Opera**—Chagrin Falls (Ohio), '43.
- Greta Garbo**—Wyo., '42 and North Bay (Ont.), '42; Wellsville (Ohio), '43.
- Harmau**—Queensland, '40.
- Helen of Troy**—Grant's Pass, '40; 2nd day, Chagrin Falls, Ohio, '44.
- Heritage**—Grants Pass., '39.
- High Finance**—Mah., '37. (2nd Show)
- Hindenburg's Memory**—Parramatta, N. S. W., '39; Thunder Bay, '42.
- Intermezzo**—Deerfield (Ill.), '43.
- Keystone**—Pa., '40.
- Kildonan**—Winnipeg, '41.
- King Click**—Ohio, '40; S. E. Mich., '41; Pa., '42; Ohio, 2nd show '43.
- King Midas**—Blue Ridge G. S. (Md.), '39.
- King of Hearts**—Ohio, '43.
- King Tan**—W. Va., '44.
- Laburnum**—Winnipeg, '39.
- Larime**—Wellsville, '42; 2nd day Ohio, '43.
- Leading Lady**—Chicago, Conn., N.E.G. S., '44.
- Leona**—Md. '41.
- Llona**—2nd day Midwest, '43.
- Lord Selkirk**—Minn., '38, '39; Winnipeg, '40.
- Luminosa**—Utah (1st show), '39.
- Madeleine Brown**—S. E. Mich., '44.
- Malta**—Cedar Rapids, Ia., '44.
- Margaret Beaton**—E. N. Y. (Rhinebeck) and Ind., '40; Minn., '42; Sheboygan, Wis., '44.
- Marguerite**—Wash., '39.
- Marseillaise**—Wisc., '41.
- Maxwellton**—Algona, '39.
- Melrose**—Melbourne, '39.
- Milford**—Okla., '42.
- Minstrel**—2nd day, Ottawa, Ill., '44.
- Miss New Zealand**—Sioux City, Oamaru, N. Z., Launceston, Tas. (shown with 12 open), N.Z.G.S. (2nd day), and Thunder Bay, all '39. Regina and Wilkie, '40; Wilkie, '41; Wash., '42; Champaign, Ill., '44.
- Mother Machree**—E. S. G. S., '40; C. G. S., '41.
- Mrs. E. Both**—So. Austr. G. S., '40.
- Mrs. G. G. Errey**—Hobart (Tas.) and Malvern (Vic.), '39 and '41.
- Myrna**—Md., '39; E. N. Y. (N. Y. City)—'40; W. Va. and Pa., '41; Winnipeg, Midwest, Oshawa and Calgary, '42; W. Va., Midwest, C. G. S.,—Winnipeg, Blue Ridge (Md.) and Pac. N. W., '43; Md. and No. Mont., '44.
- Mystery**—C. G. S.—Quebec, '44.
- New Era**—Midwest, '41; Champaign and Springfield (Ill.), '43; Springfield, Ill., '44.
- New Zealand Splendor**—Lyttleton, N. Z., '39; Mah., '41.
- Ogarita**—Ottawa (Ill.), '43; 2nd day, Cleveland, Ohio, '44.
- Oregon State**—E. N. Y. G. S., '41.
- Our Selection**—Canterbury (Vic.) and Sandringham (Vic.) '39.
- Pacemaker**—Mah. (2nd show), '39.
- Peggy Lou**—Mah. G.S., '37, '38; N.E.G.S. Brockton, East Bay and Wellsville, '38; Mah. (1st show) and Mich., '39; Wisc., '40; Cedar Rapids, '41; Utah, '42.
- Pfitzer's Masterpiece**—Calgary (1st show), '39; S. E. Mich., '40; No. Bay (Ont.), '42.
- Picardy**—N. E. G. S., Wisc., Iowa, Cedar Rapids, 2nd Calgary, all '38; Marion Co. G.S. (Ind.), So. East Mich. G.S., Ames, Midwest, Wisc. and East Bay, all '39; Iowa, Cedar Rapids, Sioux City, Quebec, Mich., N. E. G. S., all 40; Marion Co., Ind. and E. S. G. S., '41; Sask. and C. G. S.,—Hamilton, '42; Madison (Wis.), No. Minn. and Wyo., '43; Mont., '44.
- Pink Selection**—Tasmania (Feb.) '38.
- Pirate**—Utah, '38.
- Pititi**—Papanui, '34; Timaru (N. Z.), '39.
- Queen Mary**—Seddon (Vic.), '39; Minn., '40.
- Rapture**—Mid-So., '38.
- Rangatira**—N.Z.G.S. (1st day), '39.
- R. B.**—Cedar Rapids, '42; Calgary, '44.
- Recovery**—Blue Ridge (Md.), Marion County (Ind.), '38; Ill., '39.
- Red Lory**—Snohomish Co., '39; Maine and Yakima, '41.
- Red Viking**—Verdun, P. Q., '43.
- Reverie**—Utah (2nd show), '39.
- Rewi Fallu**—Hasting (N. Z.), Wellington (N. Z.), '39; 2nd Ohio, '41.
- Rose Defiant**—Wellsville, O., '40.
- Rosemarie Pfitzer**—Calgary (2nd show), '39; 1st Calgary, Edmonton and C. G. S., all '40.
- Rosex**—2nd N.E.G.S.—Brockton, '38.
- Sensation**—Hamilton, '41.
- Shirley Temple**—Eastern N. Y. G. S., '39; Sheboygan, Ill. and N.E.G.S., '41.
- Silvery Teton**—Marion Co., (Ind.), '40.
- Sir Geo. Murray**—So. Austr. G. S., '38.
- Smiling Maestro**—Wash., '41.
- Snow Cruiser**—Ohio, '41.
- Southern Command**—Dunedin (N. Z.), '39.
- Spitfire**—2nd Ohio, '42; same, Cleveland, Ohio, '44.
- St. Edward**—Kensington (So. Australia), '37.

Stella Antisdale—Ohio, '39.
Sunnyside—Box Hill (Vic.); Blackburn, (Vic.) '39.
Surfside—Md., '43.
Tasman—Nelson (N. Z.), '39; Freemantle, W. Austr., '39.
Thriller—Mich., '41.
Tip Top—SW. Va., '41.
Vagabond Prince—Algona, (Ia.), '40; Ames, '41; S. E. Mich., '42.
Vista Bonita—N. E. G. S., '42 and '43.
Wings of Song—Iowa, '39; Md., '40; Nebr. and Ia., '42.
W. R. Reader—Calgary, '43.
Zuni—Grants Pass., '38; Thunder Bay, '40; Regina, '41; Algona and Yakima Valley, '42.

CHAMPION SEEDLING BLOOMS

Following seedling champions were not merely winners in their classes of certain types. They were champion seedlings, all types competing. Not many Prize Schedules make provision for this competition, it being most popular, apparently, in Ohio, Australia and New Zealand.

California Rose—(Salbach) East Bay, '39.
Chagrin—(Evans) W. Va., '41; also 2nd Ohio show, Cleveland, Ohio, '43.
Col. Wm. Light (E. Both)—So. Australia G. S., '36.
Crystal (E. Both)—So. Australia G. S., '37.
High Finance (Wilson)—Mah., '37 (was also grand champion.) (2nd Show)
Hurricane (Evans)—Mah., '41.
Kildonan—Winnipeg, '41.
King Click (Wilson)—Ohio, '40 (was also grand champion).
King William (Schenetsky)—Conn., '37.
Laburnum (Almey)—Winnipeg (also grand champion), '39; Midwest, '42.
Larime (Wilson)—Wellsville and 1st Ohio, '42.
Madeleine Brown—(Maier) S. E. Mich., '44; (also Grand Champion).
Peggy Lou (Wilson)—Pa. G. S., '37; Mah., '37 (also grand champion at latter).
Red Viking—(McDougall) Quebec, '42 and Verdun, P.Q., '43 (also Grand Champion).
Sir Geo. Murray (E. Both)—So. Austr. G. S., '38 (also grand champion).
Snow Cruiser (Evans)—Ohio, '41 (also grand champion).
Spitfire (Evans)—Ind., '38.
Stella Antisdale (Evans)—Ohio, '39 (also grand champion).
Thriller (Evans)—Mich., '41 (also grand champion).
Tunia's Marvel (E. Both)—So. Austr. G. S., '40.
Victory Queen—(Wilson) Tri State, Wellsville, O., '41.

COLOR CHAMPIONS

It is to the credit of the Tasmania Gladiolus Society to have hit upon this desirable addition to our shows. Without genuine color appeal no new seedling should be introduced. Ohio Society adopted the idea in 1943.

Frances Irwin—Akron, Ohio, '44.
H. R. Hancock—Ohio, '43.
Tunia's Mahomet—Tasmania G. S., '41.
Tuts Both—Cleveland, Ohio, '44.

INVESTMENT

Buying seemingly expensive bulbs of new introductions of proven merit is an investment seldom given proper consideration. A single medium (half size) bulb, an average from our list, will normally produce a spike approximately 70-80 percent of capability of a large bulb (not just 50 percent) and while doing it grow into a large bulb and produce on an average of 50 sizeable bulblets. In two more years of propagating one may well have 50 large, 200 medium, 500 small bulbs and 7500 bulblets. This expectancy has the earmarks of a good investment. But does it? Not unless two further facts are present. First, if the variety does not prove up to expectation and representation, the investment could be a loss of time and money. Second, and of equal importance, the relation of the quantity bought to the whole amount extant, or extant in America is vital. When you invest \$1000 in a newly formed corporation you use care to ascertain if your \$1000 will net you 51 percent of the stock, or 10 percent or just 1-10th of 1 percent. Whale of a difference, isn't it, though costing the same. Same way with glads. Some introductions have been launched at beginning prices of \$5 to \$10 per bulb with 100,000 or more bulbs already propagated. Many more with little background of proven merit. What chance has your investment to prosper in such cases?

CANDID COMPARISONS

(at random)

The one outstanding bargain in current Gladiolus literature is the Ohio-Canadian-New England membership combination. Five dollar value, obtainable only through the Ohio Society, for \$3.25. See page 34.

It takes time even for outstanding new varieties to establish themselves in popular favor even though they be good propagators. Take Greta Garbo, for instance. In the "Preview of our 1940 Import Releases" we recited "A knowledge of the complete specifications of this beautiful, very light rose pink

(not very far distant from bluish white) will unerringly convince you that this is the world famous hybridizer's greatest production to date. We back it without reservation of any kind." By that time we had harvested the two seasons of bulb crop required by U.S.D.A. for release of imported stocks and had much chance for observation.

To finish this story will you kindly refer to our variety description retained verbatim from 1940 on page 21?

Every year we receive many packages through the mails containing florets for identification or observation. Practically all are mush on arrival and identification of color hopeless and impossible. The only hope for intelligent reply is to send a bud or two showing color with enough stem to open the bud in water after arrival.

This year a mere price sheet would suffice to deplete our stocks down to propagating reserves, without the effort and cost entailed in this Guidebook but we have shouldered the work to keep our customers advised, as heretofore, of current show records and society ratings and literature status and up to the minute information on classification, culture and protective formulas for the storage and growing of prize winning gladiolus.

With more bulbs of Harmau and Stella Antisdale at large this year, we expect their recognition as among the world's best glads by all who see them.

The patent glads have proven their worth for exhibition in the stiffest possible competition. Together with 3 national seed houses and a few gladiolus growers, we are licensed by the Patentee, Carl Salbach, to sell the patented sorts. Bulbs will be supplied only upon the express condition that they can be grown for the personal enjoyment of purchaser, but that no bulb or bulblet stock may be resold, leased, given away or in any way transferred without the written consent of the Patentee.

Heretofore, in an effort to supply a few choices in new varieties in all colors we have necessarily carried some lavenders and blues of quality not equal to that offered in other colors, for the simple reason that they do not exist. And since it is our endeavor to point the way to the best glads that can be found, we have discontinued such along with many of the older "standards" which still rate highly.

In the Victory Garden no flower lends itself better to row crop planting and cultivating than the gladiolus, which are sure to produce beautiful bloom in an average of 80 days from planting, before most of the vegetables are ready to crop.

OUR KEY SYSTEM A GREAT AID TO SELECTION

Varieties are grouped by color classification for your convenience of comparison and selection.

Varieties are critically described. Naturally, in a list such as this, consequential faults are few, nevertheless, attention is called to them. Show dates and references are to *first prizes* only. Room to mention but few. Symposium ratings refer only to those last published.

For sixteen years our variety descriptions have been praised generously, for the accurate visualization of the size of individual floret, the number open at one time, the total bud length of the flower spike, the prominence of markings, etc., made possible by the use of stars, daggers and other hieroglyphics.

We will tell you the size florets to expect, a * indicating large florets $4\frac{1}{2}$ to $5\frac{1}{2}$ inches diameter, ** indicating $5\frac{1}{2}$ to 6 inches and *** indicating extreme size 6 to 8 inches.

We explain the relative quantity of marking, + indicating with *obvious* markings, i.e., so evident as to arrest attention and — indicating without *obvious* marking.

We do not list varieties incapable of holding five florets open at one time. There are thousands of such varieties. We employ † to indicate many open (6-8) and †† to indicate an extreme number (9-16). If the total of open florets and buds make an unusually long spike, we indicate with a double dagger †† (15-18) and extreme †† (19-30).

We furnish the approximate blooming dates of varieties in this locality, checked to the best of our ability from experience of many years. Number after name indicates days from planting to blooming of large size bulb (L). Medium size (M) usually seven to ten days later. Dates not guaranteed since subject to change by excessive heat, moisture, drought, differing soil fertility and other conditions.

Abbreviations: L large bulb $1\frac{1}{4}$ in. up. M medium size bulb $\frac{3}{4}$ - $1\frac{1}{4}$ S. small bulb $\frac{3}{8}$ - $\frac{3}{4}$. Blts. bulblets, Exh., Exhibition Type. Dec., Decorative Type. Sm. Dec., Small Decorative Type. A. G. S. American Gladiolus Society. Ohio, Ohio Gladiolus Society. Mah., Mahoning Gladiolus Society. C. G. S. (Canadian). B. G. S. (British). E. Bay (California G. S.). San Leandro (The Largest flower show on western coast). A. M., Award of Merit. F. C. C., First Class Certificate. (Am), Amateur. Com., Commercial.

NEWCOMERS TO OUR 1945 LIST

Consult index to further descriptions and prices in regular descriptive list.

ALGOMA ('44 Butt introduction). To you, who like spectacular blotches and unusual colors, fitted to strong, straight gladiolus plants carrying large florets arranged always to perfection, this should please. See illustration.

CHAGRIN (Evans) 1945 introduction. This is a demand listing. By numerous advanced amateurs, several ranking judges and a few growers. Its size, lively yellow color and beautiful floret form have great appeal, overcoming the fact that it is not as tall a spike as we would like to have it.

CONVOY ('42 Palmer introduction). A worthy contender for the crown held so long by Mrs. Mark's Memory. Giant, lively purple.

DESTINY ('43 Butt introduction). Tall, bright scarlet of large size with clear color that attracts immediate attention.

FIREBRAND ('44 Butt introduction). We have here the one glad that looks better to us than Butt's Red Charm and since Red Charm now tops the list as the world's best glad, there is nothing modest about this declaration, particularly coming from one who has been praising Red Charm to the skies for some years.

HIGH COMMAND ('43 Barrett introduction). Makes strong, tremendous plants with giant florets of shell pink, up to 10 open on flowerheads $2\frac{1}{2}$ feet. long.

IGLOO ('44 Butt introduction). We test most of the promising new-comers, particularly whites, hoping to aid our customers, both amateur and commercial in the saving of unnecessary expense and experimentation. We have no expectation of making a poor variety into a good one by printer's ink. This new, clean white of good size has earned our respect by its performance in our fields.

MYSTERY ('44 Stinson introduction). We had excellent spikes from all sizes of bulbs. Acceptable color value needless to say. Blooms from medium bulbs were of show quality. In fact it has quickly earned a good show record. It took the world's third best ranking glad (Greta Garbo) to bar it from topping our large pink group in our combination winner and own symposium tabulation.

SUNRISE ('44 Butt introduction). Not as "smooth" colored as the varieties listed above but neither was the color of his Red Charm. Liveliness in the color makes up for that in both varieties. Extra strong spikes. Note that all these new varieties brought into our list from other hybridizers make powerful spikes and can be relied on for sturdy field performance, large to giant florets of high color quality.

SIZE OF BULB TO BUY

If economy be the aim, do not rely on small bulbs to give wholly satisfactory blooms. The small bulbs will all bloom but medium bulbs almost always give far better than "medium" sized spikes of the given variety. Our descriptions usually indicate whether or not the variety is an exceptionally fine producer of blooms from the smaller sizes.

Commercially, bulbs are graded into 6 sizes. Size 6 is under $\frac{1}{2}$ inch diameter and other sizes range up every $\frac{1}{4}$ inch, the Number 1 bulb being $1\frac{1}{2}$ inch up. Catalogs commonly offer bulbs as L (large) (sizes 1 and 2) ($1\frac{1}{4}$ inch up); M (medium) (sizes 3 and 4) ($\frac{3}{4}$ to $1\frac{1}{4}$ inch); S (small) (sizes 5 and 6) ($\frac{1}{4}$ to $\frac{3}{4}$ inch) and Blts (bulblets, the little hard shelled cormels which cling at the roots of the bulb).

The size (bulk) of bulb you purchase determines the amount of food with which you are starting to produce a given spike.

TERMS OF SALE

Cash with order.

Delivery prepaid in U. S. Gladiolus shipments in February, March and April, or as soon as possible on orders arriving thereafter.

Replacement or refund purchase price any bulb, root, plant or seed that does not prove true to name or does not arrive in condition herein represented. Bulblet germination is not guaranteed.

No substitutions will be made.

Orders received until planting but subject to stock being unsold. To get proper propagation of new sorts, it does not pay us to hold for further sale bulbs and blts priced only per each beyond May 1st. Order early. Our selling season is very short.

BULBS: 6 may be ordered at 5 times the single price. 12 bulbs at 10 times single price. 25 bulbs at hundred rate if such is given, otherwise at twice the dozen rate.

BULBLETS: Any amount at the rate offered.

Please be mindful that, under present conditions, items under about 15c are filled at a loss.

Delivery prepaid to foreign countries in the Postal Union having the usual 14c per pound rate, provided war restrictions of one kind or another does not bar such delivery except that purchases at 100 rate prices should add at rate 50c per 100 for large bulbs and 20c per 100 for medium sized bulbs.

Notice to Canadian Customers

The \$5.00 cash ceiling heretofore placed upon your import privilege has been removed. Apply to the Secretary of Destructive Insect and Pest Act Advisory Board, Dept. of Agriculture, Ottawa, Ont., for permit and mailing label.



Seedling Cross 490 goes to town. Yours truly admires a seedling spike grown by Wells Knierim, President the Chagrin Valley Men's Garden Club. The spike opened 3 more florets before the bottom one faded.

"The spike you hold in photo came from a 5 cent seed of your cross 490 (Snow Cruiser x June Bride) purchased last year. The bloom arrived from small bulb in September too late for the shows.

However, with the help of your overcount I grew 8 small bulbs from a quarter's worth of seed from another cross 486 (Red Charm x Snow Cruiser). These ranged from about five eighths down to three eighths inch so I planted them only about 2 inches apart. But all made good spikes in rather clean medium-red color range and several of them were stupendous.

You saw two of them, one took a first prize ribbon as best red seedling in the Ohio State show at Akron and the following week at our show at Chagrin Falls the other one was section champion after winning in the giant red color class. It held 6 florets open, 9 more showing color out of 24 bud total, lower floret measuring 7 inches. This spike then won for longest head and finally Grand Champion of the Show". 10-4-44, W. K., Chagrin Falls, O.

GROW SOME GLADIOLUS SEED

All glad fans should try some gladiolus seed. Most advanced amateurs already do attempt some hybridizing with their newest varieties or most favored colors. Gladiolus seed broadcast or planted thickly in close rows, covered about $\frac{3}{4}$ inch, kept on moist side and with at least partial shade, commonly produces bulbs $\frac{1}{2}$ to $\frac{3}{4}$ inches diameter the first crop. Most of these bloom the second year and selections may be made on color values, the bulb selected and its bulblets thereafter grown under number pending full performance from a large bulb.

All modern varieties were so produced, either from field collected or hand hybridized seed. Our seed offerings are genuinely hand hybridized. Literally hundreds watched us hybridizing our glads at the peak of our blooming season. Most of the pollen used was taken from protected florets opened indoors. Both Dr. Masek, past president of the Ohio Society and Lee Patton, its present executive chairman, helped.

No two seeds, even from the same cross and pod, produce flowers just alike, though they are likely to favor parent characteristics.

With about the most exclusive collection of "world beaters" to be found in the U. S.; we have excellent opportunity to produce intriguing crosses, which in turn should rather consistently produce some seedlings above the average run of good standard varieties in each color class. They do for us. Witness that in 1941, in addition to quite a few blue ribbons, our seedlings won champion seedling award at W. Va., Ohio and Mich., two American Home Achievement Medals (W. Va. and Mich.) and two grand champion blooms of the show (Ohio state and Mich. state). The seed has equal chance to produce some good ones for you as what we plant is the unsold seed.

The only trouble is that we are as likely as not to part with some outstanding sorts worthy of introduction as a named variety. That may be your luck. If you grow such from our seed we should like first opportunity to introduce them for you.

It might be advisable to let you know that it is the custom in the gladiolus industry that the person who grows and segregates the seedling bulb is given the credit of being the "originator" of the variety if it is named and introduced—not necessarily the person who made the actual cross. If a lot of new "originators" do not appear in four to five years as the net result of our offering these select crosses we will be greatly surprised.

Permitting seed to set decimates bulblet production. Likely we sacrifice bulblets on rare new sorts to an extent that seed sales at these prices cannot remotely compensate us for this loss. Perhaps contribution to variety improvement will be our only compensation.

Try your luck and skill in selection of parents. Depending on stocks available we will try to be very liberal.

How to order. Order in units of 5 (minimum), 10, 15 or 20 (maximum) seeds of a given cross. The seed bearing parent is the first variety mentioned. Canadian and other foreign customers do not have to secure a permit to import seeds. Crosses are identified by number for your and our convenience. Order by number (as "5 seeds No. 492—\$.15").

GROUP A. SEEDS 3c EACH, NET

- 492 63820 (cream) x Snow Cruiser
- 493 Bobby Dazzler x Pastel
- 494 Bobby Dazzler x Sunrise
- 495 Dazzler x Bobby Dazzler
- 496 Elanora x Elanora
- 497 Elanora x Myrna
- 498 Lady Jane x Gypsy Lass
- 499 Snow Cruiser x Corona
- 500 Stella Antisdale x Elanora
- 501 Stella Antisdale x Wanda
- 502 Vulcan x Elanora

GROUP B. SEEDS 4c EACH, NET

- 503 Bobby Dazzler x Red Charm
- 504 Coutts' Orchid x Red Charm
- 505 Dazzler x Algonquin (limit 10)
- 506 H. R. Hancock x Helen of Troy
- 507 Lady Jane x 486B (Knierim)
- 508 Red Charm x Coutts' Orchid (limit 10)
- 489 Snow Cruiser x Bobby Dazzler
- 509 Stella Antisdale x Red Charm
- 356 Tunia's Mah. x Coutts' Orchid
- 510 Tunia's Marvel x Marlene Both

GROUP C. SEEDS 5c EACH, NET

- 511 Bob Both x Golden Queen (limit 10)
- 512 Bobby Dazzler x June Bride
- 513 Bobby Dazzler x Sir Galahad
- 514 Destiny x Tuts Both (limit 10)
- 515 Elanora x Leading Lady (limit 10)
- 516 Golden Queen x Leading Lady
- 517 Helen of Troy x 486B (Knierim)
- 518 Helen of Troy x Red Charm
- 519 Mrs. E. Both x Tuts Both
- 520 Red Charm x Golden Queen
- 521 Red Charm x Helen of Troy
- 522 Red Charm x Leading Lady
- 523 Tunia's Mahomet x Leading Lady
- 524 Tunia's Mahomet x Red Charm
- 525 Vulcan x Snow Cruiser

GROUP D. SEEDS 6c EACH, NET

- 526 Bobby D. x Leading Lady (limit 10)
- 527 Convoy x Snow Cruiser (limit 10)
- 528 Elanora x Vulcan (limit 5)
- 529 Mrs. E. Both x Mrs. E. Both
- 486 Red Charm x Snow Cruiser
- 530 Snow Cruiser x Convoy
- 490 Snow Cruiser x June Bride (limit 5)
- 531 Snow Cruiser x Tunia's Mahomet
- 532 Tunia's Mahomet x Snow Cruiser
- 533 Tuts Both x Leading Lady (limit 10)
- 534 Tuts Both x Snow Cruiser (limit 10)



CRYSTAL

Pure White - - 7 inch florets

WHITE—00 Series

CRYSTAL (E. Both) 75 days ***—††††

Exh. and Commercial giant of giants. Pure white without any marking. Florets $6\frac{1}{2}$ – $7\frac{1}{2}$ inches. 11–16 open (has held several more). Florets open wide and flat, have heavy substance and open up the stem very quickly. Stem is exceptionally wiry and strong. Foliage is abundant and very wide. Makes exceptionally fine looking bulbs and a fairly good quantity of large bulblets that germinate easily and grow well. Not a good bloomer from the smaller sizes but makes up for that plenty from large bulbs, be they young, old or even old divisions. Was both seedling champion and grand champion S. Austr. Glad Soc. '37, scoring 90 a new high up to that time. We won with it in color classes Midwest, Mich. and S. E. Mich. and it was grand champion, Wyo., all '41. Received British Award of Merit in '39. Supply limited.

Each L (large) \$.30 M (medium) \$.20 S (small) \$.10 Blts (bulblets) (100, \$2.00).

IGLOO (Butt) 85—††** Smooth petalled, purest white, faint cream marking in throat. Appears to avoid color flecking in bad weather. Straight, tall, hard spikes with about 2 ft. flowerheads, 6 or more open, 5 inch florets in good placement. Easily the best performer of many whites we have tested recently.

Each L \$2.50 M \$1.50 S \$1.00.

LORD SELKIRK (Twomey) 94 *—††††

Commercial. Clear milk white with unmarked creamy white throat. Makes a tall, strong plant, blooming well from medium size bulbs. 4– $4\frac{1}{2}$ inch florets, 11 or more open, about 25 buds. Propagation fair only with us. Was grand champion Minn., '38 and '39 also Winnipeg, '40. Each L \$.50 M .35 Blts. .05.

MARGARET BEATON (Twomey) 94 **—†††

††† A beauty. Ivory white with small orange scarlet blotch. Tall, well formed spike. So beautiful that it has jumped into popularity and a slight tendency to weakness of stem under extreme temperatures deters no one from wanting it, once seen. We recorded 27 firsts won about the country in '41. See Tabulation of Winners for 1944. L \$.10 M .07 Blts (100, .40).

MYRNA (Pruitt) 76 **—††† Commercial.

Ivory white. Ruffled. About half way between Maid of Orleans and Mary Elizabeth, its parents, but larger florets and 7–10 open. We had one spike open 11 in the field. Positively wonderful cut flower habits. British A. M., '39. Getting its share of grand championships.

L .12 M .07 Blts (100, .60).

SILENTIUM (Pfitzer) 80 *—†††† Dec.

Com. A striking and elegant white glad, blending to a cream center containing a small carmine marking. Slender stems, excellent placement with regularity, grand cut flower habits, fine blooms from the smaller sized bulbs and a good propagator. Surely headed for world wide fame as a cut flower. We broke the ice for it in U. S. with 2 firsts at S. E. Mich., '40. L .15 M .10 Blts (100, .50.)

"Silentium is far superior to Margaret Beaton. M. B. is a 'crook'". Rev. E. B. R., Mountain View, N. J.

SNOW CRUISER (Evans) 78 *** — †††

Exh. Com. An immense, super giant, with round smooth florets an inch or more larger than those of Crystal. Pure white without any marking, with a slight blending towards pale cream deep in the throat. A spike entered in the seedling section, Ohio, '41, notwithstanding only $4\frac{1}{2}$ florets had opened at time of judging, nevertheless was such a giant in bulk of open bloom, such immaculate, pure color, that it won

(1) best white exh. seedling, (2) section champ. exh. seedling, (3) N. E. G. S. Rosette for best exh. sdg., (4) Champion Seedling all types (5) Evans Champion Sdlg. Trophy, (6) Grand Champion of the Show, (7) O. S. G. S. Grand Champion Trophy. Snow Cruiser was chosen from among the finest group of section champions we have ever seen collected for selection of a grand champion. Most had many more open, one spike of Grand Opera had 7 open, all over 7 inches dia., but the four giant florets of Snow Cruiser were not to be denied.

For six years, since first bloom, in spite of extremely long buds, we saw no evidence of lack of fully satisfactory attachment. However, in '44, its 7th year, we had storm after storm of gale proportions which succeeded in loosening the bottom floret of a few spikes. So too on Malta, Merry Widow and Gypsy Lass. All other varieties weathered the gales.

We now have concrete evidence, many times confirmed, that Snow Cruiser imparts giant size to its seed progeny and the resultant color when used as a pollen parent strongly favors that of the seed parent. The string of giant reds secured by Wells Knierim from Red Charm x Snow Cruiser, one of them Grand Champion bloom at the Chagrin Falls (Ohio) show, '44 from a $\frac{5}{8}$ inch bulb was the best of many evidences. If you are looking for an enlarged Margaret Fulton or Golden Goddess or Pelegrina or such, possibly this points the way.

Each L \$10.00 M \$7.00 S \$4.00 Blts .75.

"Snow Cruiser—what a glad. I had only bulblets but one bloomed like a million dollars, the spike had 13 buds, held 5 open at a time, the first bloom was $5\frac{3}{4}$ inches dia. and the clean est and finest white I ever saw in any glad. It was really outstanding and I had a lot of comments on it." 9-12-'43. J. L. H., York, Pa.

"A bulblet of Snow Cruiser gave me the largest growth I ever saw from a bulblet—nearly 5 feet tall with 14 buds (taller than the bloom from the 2 bulbs I had). It sure is a giant and beautiful." 12-1-44 G. T. B., Shelbyville, Ill.

SNOW PRINCESS (Pfitzer) 80 * — †† Dec. Com. Milky White, shading to light cream in throat. Makes a tall, straight spike with six or more large blooms of heavy texture open. A healthy, vigorous grower and a good propagator. It is replacing Maid of Orleans in our list. L .08. (100, \$6.00) Blts (100, .60).

CREAM—06 Series

CORONA (Palmer) 80 ** — †† Dec. Com. Very light pink, approaching creamy white, throat somewhat deeper, rose picotee edge that varies in intensity under different growing conditions and seems destined to climb into the "best 10" in the C. G. S. symposium as it becomes better known. In open field very much on dry side all season ('44), from number 4 bulbs we had at least 200 massive spikes



SNOW CRUISER

that carried florets $5\frac{1}{2}$ inches or better. Mr. Fortnam's grand champion Corona at Akron (Ohio) '44 with florets well over 6 inches and looking bigger because so full, round and wide open. Fast propagator. Positively outstanding.

L .15 M .10 Blts (100, .40.)

LADY JANE (Lake) 85 * — ††† Exh. Com. Clear, Glistening cream, deeper in throat. Will easily open 7-8 round, wide open, slightly ruffled and waved blooms. Texture and placement are perfect. This is considered the world's 4th best glad (ahead of Picardy), by C. G. S. symposium standards and worthy of the rating. Commercial qualities are perfect. Very outstanding.

L .20 M .15 S .10 Blts (100, \$1.00.)

WANDA (Snyder) 83 ** — ††† Dec. Com. Long, straight spikes of very light cream, approaching white. Has the soft, pastel finish of color one would expect from a Picardy sport. We have spent years studying the Picardy sports and growing many of them. This is our choice for offer to you and the price makes it one of the outstanding bargains in the entire list. L .12 M .08 Blts (100, .35.)



WANDA

YELLOW—10 Series

CHAGRIN (Evans) 82 ***+†† 1945 introduction. Soft, clear, lively primrose yellow with red markings in throat. The heavy creases and tapering points of the petals add greatly to its beauty. Spikes are what we would call on the short side but F. E. Hubler, former supervisor of judges, Amer. Glad. Soc., who has grown a few for appraisal for several years, says it is tall enough.

For us it was Sec. and Champion Seedling, W. Va., '41 and 1st 3 spike Cleveland (Ohio) '43. At this same show J. S. Colbert, prominent Ohio amateur, also having a few for testing won Sec. and Seedling Champion. A week before he entered a spike at Chagrin Falls (Ohio) winning as Reserve Champion of the show. We won with it in the open giant yellow class Chagrin Falls, '44, over good spikes of Sir Galahad.

Each L \$3.00 M \$2.00 S \$1.00 Blts .25.

SIR GALAHAD (Salbach) 95 **+†† Exh. Patented. Soft, rich, clear creamy yellow with a diamond shaped blotch of rich crimson, in beautiful contrast. Words fail us to describe its unusual beauty. Six 6 inch florets wide open, a bit recurved, 18 bud. Tall, strong spikes with long flowerhead.

	per ea.	12	100
Large.....	.25	\$2.20	\$17.50
Medium.....	.20	1.85	15.00

"Sir Galahad is really a beauty in a class all its own."
12-3-41. B. F. P., Roanoke, Va.

BUFF—16 Series

DONNA (Pruitt) 95—†† Dec. Com. Golden buff, well ruffled. Color much as Wasaga but much stretchier spikes, taller, with more open.

L .20 M .15 S .10 Blts (100, \$1.00.)

HELEN OF TROY (Salbach) 88 ***+††† Exh. Patented. Larger than Miss America and almost as large as King of Hearts. A beautiful apricot not far from the golden buff of Wasaga with slight shadings of pink and a sort of brownish blotch. Florets wide open, consistently 6½-8 inches diameter, 6-8 open, 19 buds, 27 inch flowerhead, close to 60 inches tall. Always straight. Award of Merit, Ohio, '42. Second day Grand Champion at Chagrin Falls, Ohio, '44.

With plenty of years of experience with thousands of blooms, we rate it the world's best cut flower, its color tipping the scales for it over the five varieties ahead of it in the C. G. S. Symposium which, by the way, is not rating merely of cut flower value. See winner tabulation.

	per ea.	12	100
Large.....	.25	\$2.20	\$17.50
Medium.....	.20	1.85	15.00

MRS. BLANDEN (Both) 83 *—††† Com. Color rather hard to describe. Perhaps an orange pink. Perhaps pinkish buff. Cream throat. Anyway, it is extraordinarily beautiful and well ruffled and appears to have good commercial qualities. Florets are about 5 inches dia. with about 8 or more open. Stem is somewhat on the short side.

L \$1.50 M \$1.00 Blts .10.

ORANGE—22 Series

(Incl. yellow orange and red orange)

ACCA LAURENTIA (Holland) 70 *—††† Dec. Clean, soft orange, inconspicuously marked deeper in throat. Color does not fleck or burn. Slightly hooded. For 3 years we have studied this for flaws from point of view of cut flower use without finding any. Stocks limited and not more than half will be allowed to be sold.

L .20 M .15 S .08 Blts (100, \$2.00.)

BOBBY DAZZLER (Both) 80 **+†††
 Surely the best commercial orange we know. Brilliantly clear and velvety red orange with deeper throat blotch. Beautifully ruffled. But for Jeanie and Coutts' Orchid this variety would be just about the sole contender for the most beautiful glad introduced in the last 5 years. On account of the greater intensity of color in this one probably it will receive the most acclaim. Florets have substance, are $5\frac{1}{2}$ - $6\frac{1}{2}$ inches dia., 5-7 open and are not crowded on the stem.
 L .60 M .40 Blts .06.

"Bobby Dazzler, from bulblets, was wonderful! A living spire of red orange flame." M. A. E., Appleton, Minn.

CORAL GLOW (Ellis) 88 — ††† Exh. Com.
 Bright, rich coral orange, opening 6 or more large blooms on a tall sturdy plant. Placement and texture good. Makes stunning exhibition spikes. L .12.

DAZZLER (Both) 80 **+††† Exh. only.
 Withdrawn to propagate.

HURRICANE (Evans) 78 *—†††† Bright salmon toned orange, clear cream throat marked with several small cherry lines. Slightly ruffled. 5 inch florets, 8-10 open on very stretchy, long flowerheads. Easy propagator, frequently making large spikes and large bulbs directly from bulblets. In 1940 won the American Home Achievement Medal at Mich. state show. In '41 it won for us a first and Vase trophy at Wellsville, 2 firsts at Mich. state, where numerous growers again acknowledged its high color value, first at Midwest and Champion Seedling at Mahoning, fairly impressive for a seedling. Best Ohio origination, Midwest, '42.
 L .30 M .20 S .10 Blts (100, \$2.00.)

TUTS BOTH (Both) 80 ** + ††† Exh. Com.
 Deep pastel orange. Between o3 and o4 on Fischer Color Chart. Not enough red to be called red orange. Has a small blue tongue, a color rarely found in glads in combination with orange. Huge, wide open florets held rigidly on tall and strong spikes which are truly magnificent. Heavy propagator. Our 1st in R. I. orange class, Ohio, '42. Won Award of Merit and was judged Color Champion, Cleveland (Ohio) also R. I. sec. champion, Chagrin Falls, O., '44.
 Each L \$2.00 M \$1.50 S \$1.00 Blts .20.

"I think the champion spike in my garden—about 50 varieties of glads was an H. B. Pitt, grown from one of your bulbs." Rev. E. W. R., Bridgeton, Me.



H. B. PITT
 (From medium bulb by
 G. H. M. Riverside, Ont.)

LIGHT SALMON—30 Series

H. B. PITT (E. Both) 80 **—†††† Exh. Com. Smooth, light orange pink, cream throat. Powerful growth, stiff stem. Tall, full exhibition spikes, regularly well placed in double row formation. Heavy propagator. A sister seedling to Harmau. We still prefer this variety to Picardy. Blooms from bulblets and makes grand looking bulbs. Carries a rating of A (outstanding) in C. G. S. Symposium.
 L .30 M .20 S .10 Blts (100, \$2.00).

"H. B. Pitt bloomed this morning, in 81 days—a perfect flower and gloriously beautiful, first flower as wide as this post card. One of the 'extras' you sent last spring. Many thanks." 7-27-'43. Rev. E. B. R., Mountain, View, N. J.

"One of the surprises of the season were the splendid spikes given by H. B. Pitt". 12-1-44 G. E. M., Lebanon, Ore.

"I was chairman of the C. G. S. Symposium and the No. 1 glad was Red Charm, 2 Myrna, 3 Greta Garbo, 4 Lady Jane and 5 Picardy. I grew every one of these in '43 but H. B. Pitt was by far the best glad I bloomed in '43." 1-31-44 D. McL., Winnipeg, Man.

**Bulbs priced per each. 12 sold at 10 rate. 6 at 5 rate. 25 at 100 rate.
 Blts any amount at rate offered. Delivered Prepaid in U. S.**

JEANIE (Pruitt) 85 *—††† Dec. Com. What a beauty! Bright, glistening light salmon, clean and clear of all flecking, with white, raised midribs and blending into light cream throat. Color is unbelievably rich. Unless you see it we doubt we can do it justice with mere words. It's cheap enough for you to find out for yourself. We could fill so many pages with the commendation it received that we would not know which to select. 5 inch florets, 5-6 open, tall, strong, wiry stem, good propagator. If we have not convinced you that we are convinced of the outstanding quality of Jeanie, both for show bench and for cut flower, then just risk a dime or 15 cents for a bulb and find out first hand. Award of Merit, Akron (Ohio) '44.

L .15 M .10.

KING OF HEARTS (Salbach) 93 ***—††† Exh. Com. Patented. One of the 4 or 5 varieties capable of growing florets over 8 inches dia. Color just about true salmon, R05 on Fischer Color Chart; Light coral red with carmine line in throat, Ridgeway. Wide open, round florets, 7-8½ inches, 7-9 open, 16 buds, flower-head 30 inches, spike 60 inches. Habits ideal both as Exh. and Com. Grand Champion, Ohio, '43.

	per ea.	12	100
Large.....	.25	\$2.20	\$17.50
Medium.....	.20	1.85	15.00

MARLENE BOTH (Both) 76 **—††† Com. A glorious, delicate, light salmon pink with perfectly blended deep, creamy buff throat. A beautiful, ruffled giant, with outstanding decorative and commercial qualities. Long stretchy flowerheads. One of the very first to bloom. Started out with 4 firsts in '44, one of them ours.
Each L \$2.00 M \$1.50 S \$1.00 Blts .15.

MRS. E. BOTH (Both) Withdrawn to propagate. In '44 our help planted the bulbs in a ditch 8 inches deep intended to remain open to prevent cross wash of heavy rains (which we did not get). (Nor any crop).

DEEP SALMON—32 Series

ALADDIN 85 ***—†††† Exh. Soft tones of salmon pink, creamy blotch with some cream along the mid ribs of the petals. Immense florets, widely expanded, somewhat waved, well over 6 inches dia., 8-10 open, about 20 buds. One of the very best of the Palmer varieties. If he could make it over the only suggestion we could make would be a little more length of stem, bit stretchier flower head. However, as is, it takes something to beat it in the shows. Shown with 14 open, Iowa State, '42. L .08 (100, \$6.00) Blts (100, .25).

HARMAU (Both) 72 **—††† Exh. Com. A highly desirable new color, difficult to describe or classify. An orange red with distinctly rosy overtone, throat deeper. Enough ruffling to enhance the beauty of the well placed, giant, wide open florets. Five times winner of the award "Champion Commercial Type Variety" in Australia. This alone should apprise you of its worth. However, we give further detail. Foliage and stem deep green. Tall, strong and wiry stem holding firmly 6-9 giant florets open on 18-20 bud, stretchy type spike. A massed display of this variety is an unforgettable sight. In fact, the "Champion Bowl" arrangement, S. A. G. S., '40 had an overall width of full 9 feet. Tremendous propagator. Very early. Blooms freely from bulbets and makes massive spikes from small bulbs. First Class Certif., S. A. G. S., '41. At its present low price it is very probably the best commercial investment to be had today, all colors considered.

L .25 M .15. S .10 Blts (100, \$1.50).

MARGUERITE (Pommert) 90 ***—††† Exh. Clear, watermelon pink with creamy yellow throat which is marked by a bit of feathering. While it does not hold many open, yet the florets are so massive and the flowerheads so stretchy that it is well worth growing. Makes 5 ft. spikes, 7 inch florets, 34 inch flowerheads. Strong and healthy. Was Grand Champ., Wash., '39 and collected 8 firsts in '41.

L .25 M .15.

SPITFIRE (Evans) 80 *—†††† This grand glad starts out as a named variety with plenty of competitive show experience. Color is clear, iridescent, rosy toned salmon, white throat marked with several small cherry lines. 5 inch florets, wide open, slightly ruffled. Opens 8-10 easily. Powerful plant, strong stem, no crooking, bloom very long lasting. Propagation medium, otherwise wonderful cut flower qualities. In '38 it won as 3 spike Exh. seedling, then Champion Seedling and Ind. Soc. Silver Medal at Ind. In '39 at Ohio it received one of the very few Awards of Merit it has yet given. In '41 it won for us as follows: a first at Wellsville, the American Home Achievement Medal for most meritorious undisseminated gladiolus at W. Va. and repeated for similar medal at the Mich. state show. Thus, Spitfire followed in the footsteps of its "brother" seedling Hurricane, which won the award at Mich. the year before. Myrna alone won more special awards in the '42 shows. At the 2nd Ohio (R. I. and Sdlg) show, Cleveland, '42, Spitfire won a 1st in color class, longest flowerhead in show, Section Champion, Grand Champion of the show and reaffirmation of Award of Merit, at 88 points, a new high score for Ohio.

Bulbs priced per each. 12 sold at 10 rate. 6 at 5 rate. 25 at 100 rate.

Blts any amount at rate offered. Delivered Prepaid in U. S.

In '44 in the shows reported it won 4 firsts, one section champion, one top scoring R. I., Grand Champion of the Show again at the Cleveland (Ohio) together with still another reaffirmation of Award of Merit (the first time we ever heard of that happening), these spikes scoring $84\frac{1}{2}$. Sales last year almost wiped out our stocks. This year no **L** and must reserve the few **S** and **Bits** for propagation. Each **M** \$1.00.

SCARLET—36 Series

ALGONQUIN (Palmer) 79 *—††† Exh. Com. Brilliant, light scarlet with some markings. Color not equal to Palmer's Regent but larger florets and much longer flowerheads, up to 30 inches. 8-9 open usually semi stepladder fashion. A.M., B.G.S., '39. See winner tabulation. L .12 M .09.

BEACON 90 *+†† Exh. Brilliant, clear colors. A rather dark rose, approaching scarlet. Pronounced creamy blotch. Florets slightly waved and ruffled. 8 or more open. Tall, straight spikes. Color is both distinctive and striking. If you are looking for a "showy" glad, with color of "quality" thrown in for good measure, here it is. Latest record slate: Cedar Rapids, E. N. Y., E. S. G. S., Ind., Md., Mich., N. E. Mich., Wellsville, Utah and Sec. champ at both Iowa and Sioux City, all '40. 16 more firsts, including grand champion at Utah, '41. L .08 (100, 6.00).

DESTINY (Butt) 83 **—†† Very tall, strong spikes of bright "house afire" orange scarlet with white arrows in throat. Florets are extra large and smooth. An outstanding performer in the garden. Each **L** \$1.50 **M** \$1.00 **S** .60.

PERKY (Hubler) 85 — †† Sm. Dec. This little glad is too good to pass up. Color is clean scarlet. Holds 5-8 open florets which are winged and average $2\frac{1}{2}$ -3 inches dia. Makes large bulbs which bloom without much coddling. Foliage is in keeping with the florets, as is the stem which is slender and wiry. Received the only Award of Merit given by the Ohio society in '41. L .30 M .20 S .10.



SPITFIRE

"Spitfire is a pink of unusual shade with great carrying power and makes fine spikes." G. E. M., Lebanon, Ore.

"Spitfire has "catchy color" and makes stretchy, straight, well placed spikes." Group Test Report, Canada.



ALGOMA

ST. EDWARD (Both) 72 * —††††Exh. Com.

This outstanding Exh. and Commercial glad is an orange scarlet with some creamy white in the throat. Has excellent substance, wide open, perfectly formed florets which are slightly ruffled and held rigidly on a very tall, wiry stem. Quite an easy matter to pick a perfect 100% Exh. spike with eight or more 5 inch florets open in double row formation. 22 buds. Medium propagator. While a seedling it was included in the "best 6 spikes" at S.A.G.S., and was Grand Champion at Kensington, '37. Champion Vase (20 spikes with more than 200 open florets) S. A. G. S., '39. Our 1st, S. E. Mich., '40. Section (amateur) champion, S. A. G. S., '40 and F. C. C. same soc., '41.

L .75 M .50 Blts .06.

TUNIA'S MARVEL (Both) 78 *+††††**

Exh. Somewhat lighter than Tunia's Triumph and even more metallic. Has a prominent light blue violet stripe on lip petal. Just as large (7 inches) but easily 9-10 open on 20 bud spikes which can be frequently cut with 2 ft. stems and 3 ft. flowerheads. Between OR3 and OR4 on Fischer Color Chart, scarlet but very metallic. Champion Seedling and Reserve Champion (runner up to grand champion) S. A. G. S., '40. Two firsts, Ohio, '43. We are getting numerous reports of champion caliber bloom long before the earliest show dates, so plant late for show purposes. See illustration on back cover.

Each L \$3.00 M \$2.25 Blts .35 (4 for \$1.00)

TUNIA'S TRIUMPH (E. Both) 88*—†††**

Exh. Starting its career, it won the Fallu Cup and Grand Champion Seedling award at the South Australia, '34 show. Australian fans have been spellbound with this flower ever since. The color, light orange scarlet with a sheen approaching metallic bronze, a self color. Florets 7½ to 8 inches, 7 to 9 open, 21 buds. The huge florets are perfectly faced and placed. L .15 M .10.

LIGHT PINK—40 Series**ALGOMA (Butt) 84 **+†††**

A buff toned medium-light pink with a red flush which deepens as the flower ages and a very spectacular deep red throat. The color is certainly "different" and all the other details could be aptly described "perfect". Plants are tall and strong, always straight. Opens 8 5 inch florets with ease in open field always well placed. In fact, every spike we grew looked as good as the one in the illustration.

Each L \$3.50 M \$2.25.

"This is the first time in my 15 years of commercial flower growing that I have ordered bulbs or seeds from a distributor and then sat down and thanked him for the stock sent. But this is the first time in 15 years that I have received four times the original order." 4-4-40. H. E. B., Elmsmere, Del.

"Let me first tell you that I think your catalog is a masterpiece. I don't suppose that any of us, who have come to look forward for it each year, realize the vast amount of headaches involved in collecting and tabulating the data. To me it is an important part of the Glad cycle each year and is sincerely appreciated." 1-31-42. D. W. M., Bradford, Pa.

BIG TOP (Rich) 72 ***—††† Exh. Color a medium depth of pink with carmine feather in somewhat lighter throat. Sometimes flecked at edges. Petals creased at centers. Immense, round florets reaching 8 inches dia. A giant in growth of wide foliage and tall stalk as well. Fairly good texture. Generally straight and fair placement. Healthy, prolific and excellent bulblet germination. Our tallest variety in '41. 20-22 buds, up to 7 open on 26-32 inch flowerheads. It outperformed our Miss New Zealand in height, number open, size of floret and ability to support itself. Has received its 2nd year Commendation award, also largest floret ($7\frac{1}{4}$ inches), both E. S. G. S., '41. Six special awards at '43 shows. Seven specials at shows reported '44 including a spike at Tri State (Wellsville, Ohio) 60 inches long, 41 of it flowerhead, eight open florets $6\frac{3}{4}$ inches dia. one above the other, easily winning Grand Champion Bloom of the Show. This by L. H. Esterline, for many years pres. of the Ohio State Soc. We saw about 10 steel rules measure this spike and a lot of note taking.

L.35 M .25 Blts (100, \$2.00).

CANDY HEART (Salbach) 80 ***+†† Exh. Com. Soft, clear flesh pink, blotched light carmine. Florets winged type, wide, 6 in. or more dia., 6 open, 17-18 buds. Good placement, tall, vigorous plant of good cut flower habits. Rapid increaser. Last November, having escaped October frosts, we cut about 100 spikes, buds stretching but not yet in bud color. In 6-10 days these came into bud color and then proceeded to open out to the tip like fresh cut spikes. Only a handful of other varieties were able to match this performance. L .09 M .06 Blts. (100, .50).

GRETA GARBO (Pfitzer) 86 *—†††† Exh. Com. Surely this gladiolus rates inside the best ten extant. But a matter of time and it will be near the top of all symposiums. The color is soft, a very light rose pink, so light we classify it light pink. Cream on lip petal. Buds are salmon rose. Opens 6-9 finely placed, well expanded, perfectly formed flowers on a tall, slender but strong stem. Healthy grower, rapid propagator, ideal cut flower habits. Both A.M. and F.C.C. at Amsterdam, Haarlem and B. G. S., a stunning record. Corroborating our above description, carried over from 1940 when we released the variety, note that Greta Garbo rates world's third best glad in last C. G. S. Symposium. Grand Champion, Wellsville, (Ohio), '43, repeating in Winnipeg, '44.

L .15 M .10 S .05 Blts (100, .50).

HIGH COMMAND (Barrett) 93 ***—†††† Color is shell pink. 25 buds, up to 10 open six inch florets slightly ruffled and wide open. Strong, tall plants with flowerheads $2\frac{1}{2}$ ft long. Each L .50 M .35.



STELLA ANTISDALE

"In my opinion you have an excellent gladiolus in Stella Antisdale. The color is beautiful, placement excellent, a real exh. glad and a wonderfully fine cut flower with keeping qualities. I am more than pleased with my investment. My hat's off to you and Stella Antisdale. You've really got something there." 8-20-40. M. J. E., Grand Haven, Mich.

"Won two firsts with Stella Antisdale. With two bulbs. This is everything you say about it. Extravagantly admired and one of the best things in the show. 12-3-41. B. F. P., Roanoke, Va.

"Stella Antisdale has a beautiful, delicate coloring and yielded a fine crop of bulblets." 2-7-'42, W. H., Rockwood, Ont.

"Stella Antisdale bulblets produced nearly 100 percent number 1 or 2 bulbs." 11-13-'42. W. H., Winnipeg, Man.

"I must congratulate you on your Stella Antisdale. You have an outstanding glad and with me was the earliest of all the new varieties on trial. This will be of special value as a florist variety due to its earliness and very desirable color." E. C. S., Sterling, Ill.

"You are to be congratulated for giving Stella Antisdale to the flower world. Its beauty seems out of this world. Wonderful blooms from medium bulbs." R. J. L., Clearfield, Pa.



THRILLER

MYSTERY (Stinson) 83 ***+†††† Giant, beautiful, soft pure pink, bright rose mark in throat. One of the few glads that increase its color value under artificial light. 6-7 inch florets, a bit waved and frilled, 7 to 9 open, well placed on strong, tall spikes with flowerheads about 2½ ft. Good blooms from small bulbs and good propagator. It won many awards in several other shows not listed in our tabulation, including the Amer. Home Medal, Quebec, '43 (then a seedling), section champion and Grand Champion at the Canadian national, Quebec, '44 also Grand Champion Verdun (P. Q.) show, '44. Each L \$2.00 M \$1.50.

"While in Customs getting the lot of bulbs from you I met our Canadian Inspector and he told me that the lot I was in for (your shipment) was as fine a lot as he had ever examined and every corm a perfect one in being absolutely free from defect, thrips or disease of any kind. That was getting real value for my money, particularly in view of the fact that your overcount and extras more than made up for the exchange, duty and express incurred." 5-26-40. J. W. McL., Ottawa, Ont.

NEW ZEALAND SPLENDOR (Toon) 98 **+†††† Exh. (Picardy x Mrs. S. A. Errey) '39-'40 introduction in N. Z. Soft, medium tone of pink with conspicuous orange scarlet throat blotch. Quite large florets, well placed, up to 10 open on long flowerhead and stem. Mr. Toon, the well known N. Z. hybridizer, says it is the best of his originations. Received an F. C. C. at Burnley Test Gardens, '39. Grand Champion at the Lyttleton N. Z. show, '39. Algona and SW Va. '41 and we start it off in U. S. as a Grand Champion, Mah., '41. Too late for shows. Should be planted early. L .15 M .08 Blts (100, \$1.00).

STAR GAZER (Evans) 82 * — ††† Dec. Com. Semi-upright type. A seedling of Magna Blanca with Merry Widow the pollen parent. Clear, pale, very light pink, practically speaking blush white. Unmarked except for one very narrow line of cherry on lip petals. Beautiful florets, strongly recurved, are firmly placed in a semi-upright position, making a long, step-ladder type flowerhead on a stiff, wiry stem. Bloom is very lasting, opens well to the tip and appears to have satisfactory cut flower qualities in every respect. Each L \$1.50 M \$1.00 Blts .15.

STELLA ANTISDALE (Evans) 80 ***—†† ††Exh. Com. Smooth, soft light pink, a bit lighter and creamy in throat. Color has what might be termed a suede finish. Big round florets, mostly the much desired inverted type (single lip petal, top petal to rear), 6-7 in. dia., 7-9 open easily in the field, 18-20 buds. Tall spike, 55 inches high, strong, wiry stem, all straight for 6 years. Full exhibition type placement in double row formation from M as well as L bulbs. Flowerhead 24-28 inches. Good propagator. Was best single spike exh. seedling and won Bronze medal at Ind., '38. At the Ohio show, '39, a 3 spike entry of this variety (then seedling No. 7356) broke all known records for prize winnings on a single entry by winning

- (1) First as best pink exh. seedling.
- (2) Section champion (exh. sdlg. color classes).
- (3) Champion Seedling (all types).
- (4) N. E. G. S. Special Seedling Blue Ribbon.
- (5) American Home Achievement Medal.
- (6) Stella Antisdale Sterling Silver Sdlg. Trophy.
- (7) O.S.G.S. Award of Merit (86 points).
- (8) Grand Champion Bloom of the Show.
- (9) N.E.G.S. Grand Champion Purple Rosette.

With 50 or more spikes of Peggy Lou of grand champion caliber and a stunning spike of King of Hearts present to give battle, Stella Antisdale polled 7 of the 10 votes of the judges. Its parents, Albatros x Picardy. With excellent color, giant florets, true exhibition form, straight spikes and good cut flower habits, we expect all will like it. See illustration.

Our 1st, 3 spike light pink, beating our own very fine spikes of Rosa van Lima, Mich. and our 1st Recent Introduction, beating our own extra fine spikes of Grand Opera and Queen Marilyn, Mich., '40. Our firsts W. Va., Mah., Mich. and Ohio and our customers have started to win with it likewise, Mr. Parrott winning two firsts at SW Va. and Mr. Hopkins winning at Midwest over a good spike of Ethel Cave Cole, all '41. Last year we received dozens of letters of commendation of Stella from cut flower growers in practically every part of the country and some from Canada. It has now proven itself in hot climates and will soon be grown by the million.

L .20 M .15 S .10 Blts (100, \$1.00.

"I think Stella Antisdale is one of the finest glads that grow. I grew the best glads last year I ever had but none were finer than Stella." 2-2-'43. C. A. E., Tremonton, Utah.

"Send your wholesale list and catalog right away. Want to get some Stella Antisdale—the bulbs you sent me were stand-outs. Surpassed any pink I had and opened up wonderfully in water." 1-2-'44. P.H., San Leandro, Calif.

"Spring of '41 we ordered five No. 5 bulbs of Stella Antisdale from your wholesale list. With your customary generosity you added one No. 3 bulb and 10 bulblets. We harvested giant blooms, 15 fine bulbs and lots of bulblets. All were planted last spring and produced 1500 bulbs of all sizes and we think about 15,000 bulblets. Perhaps you do much better than this but it looks good to us." 2-1-'43. G. A. E., Vernon, N. Y.



COUTTS' ORCHID

"Coutts' Orchid opened day before yesterday. A flower from the hand of God. Thanks." Rev. E. B. R., Mountain View, N. J.

DEEP PINK—42 Series

CALIFORNIA (Salbach) 95 ***—†† Exh.

Patented. A real giant. Color somewhat similar to F. J. McCoy but better and twice as large. Pure geranium pink with a blotch of begonia rose but slightly deeper, result close to self color. 42 inches tall, long flower head, good substance. Rapid propagator. Florets round, slightly ruffled, up to 7¼ inches as shown and measured by the judges, E. Bay, '38 where it was the winning seedling and won the American Home Achievement Medal. See winner tabulation.

	per ea.	12	100
Large.....	.25	\$2.20	\$17.50
Medium.....	.20	1.85	15.00

"Your California bulbs got the Grand Champion ribbon for me last year at the Minn. Glad. Soc. show." C. M., Goodhue, Minn.

PEGGYLOU (Wilson-Evans) 90 **—††† Exh.

Com. Smooth, deep shrimp pink, with a slight rosy cast and a slight peppering of deeper rose in the throat. Undoubtedly classifies as a self color. Secured from same seed cross which produced Picardy. Apart from the color change, the only variations from Picardy we can discover are somewhat rounder florets, slightly shorter stems, considerably longer flowerheads. Produces wonderful blooms from M and S bulbs. Though we introduced this variety but six years ago, its fame is already secure. See Grand Champion Records. L .08 (100, \$6.00).



ROSA VAN LIMA

LIGHT RED—50 Series

GYPSY LASS (Herborn) 86 * + ††† Dec.
Soft, clear light red with deeper blotch.
Tall, graceful spike with many open.
Easy propagator.
L .35 M .20 Blts (100, \$2.00).

THRILLER (Evans) 90 * + ††† Exh. Color
is red with medium sized blotch of clean,
creamy yellow. On Fischer Color Chart
the color is intermediate but closer to R4
than to OR3. Perhaps it is too tall for a
commercial but another year of growing
may supply that answer. Makes very
long, decorative flowerheads, 8 or more
open. Exhibited at Mich. State Society
show, '41, it was best exh. seedling, Cham-
pion seedling and Grand Champion Bloom
of the show, winning the President's Cup
and rating 85½ points for top score in the
show and receiving the society's Certif. of
Commendation.
Each L \$2.00 M \$1.25.

DEEP RED—52 Series

ARMADA (Pfitzer) 83 * + ††† Exh. Com.
Velvet, vivid cherry red with large, brown-
ish scarlet blotch. Very tall, heavy plant
and immense flowerheads with 7-8 open in
the field.
L .25 M .20 S .12 Blts (100, \$1.50).

FIREBRAND (Butt) 85 *—††† Slightly
ruffled, deep signal red, slightly deeper in
throat with white lines on lower petals.
Spikes are tall and straight. 8 or more
open. Unopened buds are of unique form
resembling roses and the florets lie tight
and flat to the stem evidencing that it will
become a very valuable commercial bloom
for shipping.

We had tall, strong spikes with 13 open in
the field from number 4 medium bulbs.
One of these was section champion for us
at the Cleveland show (Ohio State Soc.),
'44. See illustration on front cover.
Each L \$3.50 M \$2.25 S \$1.50.

RED CHARM (Butt) 85 **—††† Exh. Com.
Clear color without flecking, about iden-
tical with that of Com. Koehl, but glisten-
ing. 17-18 buds, 8-9 open, round 5½ inch
florets, 55 inches tall. Makes healthy
bulbs and plants, strong and straight
wiry stems. Good blooms from smaller
sizes. In fact, a grand self color with fine
cut flower habits. If you have watched
our predictions for this variety you need
not be too surprised to learn now that it
is on top of the world. Tops the Canadian
Symposium, as you learned ahead on page
6.

Of course, we rate it the best red cut
flower variety obtainable at moderate
prices. If there is a better one at any
price, likely it is Firebrand.
L .25 M .15 S .08 Blts (100, \$1.50).

RODNEY (Coates) 92 ***+††† Exh. and
Com. Another spectacular glad in the
mammoth class. Full, double row exh.
spikes, 7 inch florets, 8 open (have seen
10). Beautiful dark glistening scarlet, with
spectacular flaked, whitish blotch. Vigor-
ous grower and good bulblet producer.
Stocks very limited.
L .75 M .50 S .25 Blts .05.

BLACK RED—54 Series

BLACK OPAL 92 *—††† Exh. Deep
maroon, somewhat marbled. Makes tall,
symmetrical exhibition spikes, 10 open,
22 buds. Good bloomer from the smaller
sizes. Tops its color section in both
C. G. S. and N. E. G. S. symposiums.
M .06.

MOHAWK (Stevens) 85 * — ††† Exh. Com.
 Deep maroon, opening up to ten 5 inch
 well placed blooms on tall, straight spikes.
 The glaring faults of Rewi Fallu are not to
 be found in this variety.
 Given a little more time Mohawk will also
 push aside Black Opal.
 L .30 M .20 Blts (100, \$1.00).

LIGHT ROSE—60 Series

COUTTS' ORCHID (Coutts) 84 ** — †††

Exh. Com. Immense, round petalled florets
 of smooth, unmarked light orchid rose with
 cream throat. Has a tendency to produce a
 quarter inch lighter edging, or halo. Very
 healthy grower. Stands up straight. Sub-
 stance excellent. Good cut flower traits
 and the only doubtful item was cleared
 up by another year of growing. Our plant-
 ing stock sizes gave us a generous supply
 of bulblets. Bulblet germination is very
 satisfactory. In Canada we have seen
 spikes with 8 open and 10 more buds all
 in color. Ours have done almost as well.
 We doubt much if this glad has any fault
 whatever and the color is beyond re-
 proach. Award of Merit by Canadian Glad.
 Soc. in '39. Firsts at Calgary and Ohio
 (where our customer's spike beat our own
 good entry). At S. E. Mich. we won
 with grand spikes in Recent Intro.
 section and for "Best Canadian Intro.",
 which latter also won the Canadian Glad.
 Soc. Medal. At Mich. state show our
 entries were the sensation of the show,
 winning in the Recent Intro. section and 3
 spike Exh. section, where it became sec-
 tion champion. The one spike entry then
 became runner-up to our seedling, "Thrill-
 er," for grand champion all '41.
 L .50 M .25 Blts (100, \$4.00).

ROSA VAN LIMA 77 * + ††† Dec. Com.

The finest, bright, light rose pink we have
 ever offered. Has a harmonizing small
 spot of deeper orchid violet. A real
 apple blossom pink. The color we
 growers and florists have hoped to see in
 a gladiolus coupled with 100% satis-
 factory commercial cut flower habits.
 Destined to achieve great success in the
 gladiolus industry. Excellent propagator
 and a bargain at twice the prices we are
 asking. All of our predictions made at
 time of introduction have come true.
 L .08 (100, \$6.00).

SUNRISE (Butt) 98 ** — ††† Medium-deep

salmony rose pink blending into yellow
 throat. Opens about 7-8 five inch florets
 on extra strong spikes. A good late bloom-
 ing variety.
 Each L \$1.50 M \$1.00.



H. R. HANCOCK

DEEP ROSE—62 Series

H. R. HANCOCK (Both) 80 ** + ††† Exh.

Com. Difficult to place on Fischer Color
 Chart. A point somewhere between R4-
 R-5 and VR5. Clear, deep cherry rose
 with clear, creamy white throat. Very
 clean colors. Perfect, double row place-
 ment of 5-inch florets even from No. 6
 small bulbs. 8-11 open, balance of buds
 in color. Attachment of florets very
 good, stem wiry and strong. 50 inches
 tall. Substance excellent. Cut in bud,
 opens well with large florets at tip. A
 wonderful break in color value and a rare
 "find" for the commercial cut flower man
 as it is a prolific propagator, as well.
 Award of Merit, So. Austr. G. S., '41. The
 first "Color Champion" on this continent,
 Ohio, '43. We feel this variety is so su-
 perior to the other six deep rose varieties
 listed in 1943 that we have not hesitated
 about discontinuing them. In too short
 supply as yet for reasonable price but a
 small "investment" for easy propagation
 should pay big dividends in beautiful
 bloom, increased stocks and resale value.
 See illustration.
 Each L \$2.00 M \$1.50 S \$1.00 Blts .15
 (10 for \$1.00).



BASKET OF PFITZER VARIETIES

PURPLE—70 Series

CONVOY (Palmer) 85 ***—†† Tall, straight wiry spikes carrying giant, round blooms of clear bright purple. Lightly waved and ruffled. Petals are wide and roll back. Outstanding.
L .60 M .40.

ELANORA (Errey) 85 * — ††† Exh. A rich, maroon purple, self color. Form and size of Red Lory, of which it is a seedling. Has good substance, tall, open 10-12 florets easily. Already making headway in the shows. Award of Merit, Burnley Test Gardens, '38. Our first at Midwest, '41. Last season we had upwards of a thousand bloom open 10 or more right out in the field (we do not sell bloom) (if bloom values continue to spiral we may weaken). 3 of these blooms taken directly to the Chagrin Falls show, '44 became Section Champion.
L .35 M .25 Blts 100, \$3.00).

HERBSTFREUDE (Holland) 90 *—†† Exh. Com. Clean, light purple deep violet throat mark. Large florets, smooth petals, wiry stems. Never flakes off its color.
L .30 M .20 S .10 Blts (100, \$2.00).

MRS. MARK'S MEMORY (K & M) 88

***—†† Exh. Largest purple glad to date. We have had blooms well over 8 inches on strong, tall spikes. Has a small dark carmine throat mark. A sensational Exh. variety. Judging by its powerful performance in our fields the last few years, we think it has proven itself a good commercial, as well. Firsts at Midwest and C. G. S.—Winnipeg, '43. Five firsts in '44 in shows reported, also won for most open bloom in Wis.
L .50 M .35 S .20 Blts (100, \$5.00).

VULCAN (Stevens) 82 ** — ††† Exh. Likely to prove a good commercial as well. Large, bright purple. Tall, strong spikes with many open in the field. Growers and amateurs who saw it here all liked it. Three spike winner for us at Cleveland (Ohio), '44.
L .50 M .30.

DEEP VIOLET—78 Series

OBERBAYERN (Pfitzer) +†† Dec. Com. Very interesting novelty. The throat marking is extra large, so that one might almost call it a cream glad with extra wide edging of dark blue. Color is dark aniline blue with much cream in the throat. In fact the two lip petals are almost entirely cream and the other petals carry a narrow cream stripe. The florets are about 3½ inches dia., very round and wide open. About 5-6 open, well placed on plant and thin, wiry stalks all in good proportion. Fairly good propagator but stocks as yet very limited.
Each L \$3.00 M \$2.00.

SMOKY—80 Series

FLYING FORTRESS (Wilson-Evans) 93 (days) *** + †††† Exh. The very first spike we saw, at Mahoning Soc. show, '40, satisfied us that it qualified for inclusion in our list when introduced. Later study corroborated. An extremely large, round floret, 8 and more open, extra well supplied with buds. Color a lavender toned smoky of satisfactory color value. Won a first at Ohio, exh. section champ seedling at Wellsville, winner of American Home Achievement Medal at S. E. Mich. and champion seedling at Pa., all '42. Award of Merit, Ohio, '43, scoring 92, the highest Ohio score to date. Most open (13) at Cleveland (Ohio), '44.
Each L \$2.50 M \$1.50 S \$1.00 Blts .12.

"For once in my life I had flowers as beautiful as the catalog promised and that is something" 10-5-'42. E. A. T. Otterville, Mo.

"I received my 'Jackpot' of bulbs in good condition. From a long list of suggested extras you must have given me just all of them 'for free' and some high priced ones to boot." 5-3-'42. L. J. H. Cleveland, O.

GRAY DAWN (Both) 95 ***—††† Exh. A medium-light gray sport of the variety Jalna, which also feathers its colors but we believe the color effect of Gray Dawn will please more critics than Jalna. Unfortunately, this variety was named in Australia without knowledge that there were already two other Gray Dawns here in America. This one makes truly giant spikes with giant florets, with irreproachable placement and a color without counterpart in glads. Very striking. About half the bulblets bloom for us. Powerful grower and fast propagator. First in R. I. section, Akron (Ohio), '44.

L \$2.00 M \$1.50 S \$1.00 Blts .15.

HIGH FINANCE (Wilson) 95 *+†††† Com.

Smoky light violet orange, cream throat. Light flecking at tips of petals. Some ruffling. 5 inch up florets, 8-9 open, 21 buds, flowerheads almost all over 2 ft. long, entire spike 5 ft. tall. Strong stem. Was champ seedling and grand champion of the show at 2nd Mah. show, '37. Won in Recent Intro. sec., Ohio and for longest flowerhead at W. Va., '41. Award of Merit, Ohio, '42.

L .35 M .25 S .12 Blts (100, \$1.50).

MISTY DAWN (Rich) 98 ***+††† Exh.

Color soft, smoky gray salmon with light bluish flakes at edges. Spectacular, large orange red blotch. Immense, round petalled florets 6-7 inches, 6-9 open, 16-18 buds, 22-28 inch flowerheads, height about 5 ft. Spike is generally straight, placement good. Substance fairly good for so large a floret. Rapid propagator. "Honorable Mention," E. S. G. S., '39. "Award of Commendation," E. S. G. S. and our 1st, single spike seedling, Ohio, '40. Won at 2nd Ohio show, Mr. Hopkins' giant spike with 9 open won at Wisc. and at E. S. G. S. it won 3 firsts and the Empire society Award of Merit, all '41. Shown with 11½ open florets for "most open," Empire, '42.

L .20 M .15 Blts (100, \$1.25).

"Wanda, simply wonderful, a few days late for our show, but a very wonderful spike. Sir Galahad-My, what a glad! Words fail to describe the pleasure we derived from this Knight of all glads. Can I say more? 8 inch florets. Helen of Troy, what a beauty, tall, stately, plenty open, good keeper. H. B. Pitt produced the spike which won first in its class at the show. The bulblets have grown wonderfully well, as have Flying Fortress, Gray Dawn and Tunia's Mahomet. Marlene Both a real beauty. We want more of them. Stella Antisdale, a very beautiful glad, good color, vigorous, OK except that, like one of its parents (Albatros) it tries to fill all around the spike." 9-23-44 J. H. D., Experimental Farm, Lethbridge, Alta.



TUNIA'S MAHOMET

(42 inch flowerhead, top open floret near 8 inches)



PINOCCHIO

"In '41 I purchased 2 small bulbs of Pinocchio. In 2 crop seasons I now have about 300 bulbs and lots of big bulblets. It has proved a very good commercial with me." 3-1-44 R. W., Lowman, N. Y.

PASTEL (Both) 95 *—†† Dec. This is the perfect pastel blend smoky. Rosy, velvety gray, with petals edged steel blue. Color is soft, smooth, without glitter. 4½-5-inch florets, round petalled, wide open. Good propagator. Our 3 spikes won Section Champion at Chagrin Falls, Ohio, '44.
L .75 M .50 S .25 Blts .05.

"Pastel is a lustrous rose gray with blue edge, rolled back, wide open florets, exhibition type, medium height, color fades slightly toward tip—a marvellous color that women "rave" over. Rapid propagator." Group Test Report, Canada.

"Received my order of bulbs in fine shape. Had expected some extras but was astonished and also pleased with extras, overcounts and oversize equal to my original order." 3-25-40. R. R. S., Hagerstown, Md.

"The quality and size of the bulbs just received were even better than your guidebook had led me to expect and as for quantity, you sent me by actual count \$2.60 in bulbs for every dollar I had sent you. It has been a pleasure to deal with you and I thank you sincerely." 3-14-40. R. A. L., Winston-Salem, N. C.

TUNIA'S MAHOMET (Both) 75 ***—††† Exh. Com. Here we have a depth of color not heretofore reached in smokies. Very deep, velvety smoky plum rose with orange scarlet in throat. The depth of color is so great that the orange scarlet throat mark could hardly be called prominent or conspicuous marking. We are so intrigued by the color value of this smoky that we say without hesitation that it is the most beautiful smoky we have ever seen "by a mile." Down in Hobart, Tasmania, where glads are very popular and a large society has long conducted annual exhibitions, in 1941 declared Tunia's Mahomet the **COLOR CHAMPION** of the show, thus making Tunia's Mahomet the first **COLOR CHAMPION** to be selected. This would seem to be enough to start out a variety upon a prosperous career but the description is hardly begun for this stunning variety easily produces 8-inch florets, will open 8 as well, with the upper open florets as large as the bottom one. Makes tall, self supporting flowerheads from 30-42 inches long, a perfect exhibition type with florets in full double row, a perfect outline on a tremendous spike. Its habits are consistent and reliable and we believe that its very early blooming date and excellent propagating ability and its proven ability to not only make saleable spikes from small sizes but to make astounding spikes with 14 buds, 6 open, 7¼ inch florets from bulblet grown in the open will shortly make it one of the most popular varieties in existence. (See page 10, '42 catalog for detail on bulblet blooms). First Class Certif., S. A. G. S., '40. Award of Merit, Ohio, '42. See illustration. Collected 6 firsts in shows reported, '44. Given a little more time, this variety is going to produce a sensational show record.

Each L \$2.50 M \$1.75 S \$1.00 Blts .20 (7 for \$1.00).

"Dear Herbert—Thanks a lot for rushed copy THE Glad catalog of America. Wasn't necessary for you to write 1st CLASS on envelope. I knew dudwell before I opened envelope that this catalogue would be first class. My catalogue just out. Not first class. Goes for only 1c. J. D. 1-26-44 J. D. Long, Boulder, Colo.

(More than one way to put a "fierce competitor" out of business. We figure he is going to spend so many cents supplying catalogs to you folks in vain effort to prove his catalog is not first class!)

"I thought because bulbs were scarce and higher in price this year you would overcome the habit of giving extra count and samples, but yours seems to be a hopeless case. Many thanks." 4-17-44 B. R. Y., Girard, Pa.

"When one gets substantial overcount on varieties at \$1.00 a bulb, it really is something." 3-21-44 A. J. S., Inglewood, Calif.

"Your Guidebook is so valuable my conscience will not allow me to order elsewhere." 3-6-44 J. W. C., Logansport, Ind.

ANY OTHER COLOR—90

R. B. (Upton) 90 *—††† Exh.** Huge rusty golden brown, or henna, on an old rose base. Strong grower, fast propagator. Giant florets from M and S bulbs as well. R. B. made sensational progress in 2 years. Largest floret at E. N. Y. and Conn. in '40. In '41 it secured 14 firsts including SW Va., Midwest, Ind., largest floret at N. E. G. S., E. N. Y., and for us at Mich. We also won with it at 2nd Ohio show, in R. I. sec. at Mich. and S. E. Mich. and won 2 Canadian Glad soc. Medals for us for best Canadian origination at Ohio and Mich., all '41. 10 awards reported '43 and 9 in '44 tabulation, including largest floret, Conn. In shows not reported we note largest floret, full 8 inches at No. Mont. show and Grand Champion, Calgary, '44.
L .20 M .15 S .10 Blts (100, \$1.00).

VAGABOND PRINCE 97 *—††† Exh. Irrescent, garnet brown, lighter in upper throat, small flame scarlet blotch below. 8-10 open. The color combination is very attractive, as well as unusual. If you like striking, novelty color combinations, we suggest you waste no time acquiring this one. 25 awards tabulated in '43 shows. 22 in '44.
L .08 (100, \$6.00).

PINOCCHIO (Evans) 75+†† Med. Dec. Com. A true Novelty gladiolus. Color is a novelty blending of pink, yellow, green, orange and red without emphatic preponderance of any one of these colors. At a distance the yellow, orange and red give it a prevailing orange tone and thus it was classified as orange. Perhaps "any other color" might be correct. Florets are of heavy texture, $3\frac{1}{4}$ -4 inches, are round, wide open, intensely ruffled and fluted. Placement airy on stretchy spike 50 inches high. Flowerhead 24 inches on wiry stem well above the foliage which is a bit short. Good propagator, large bulblets, most of which bloom. On its first appearance in the shows it won 1st, 3 spike Dec. seedling, Section Champ. Dec. seedling and A.M. ($84\frac{1}{2}$ points) at Ohio, '39. Our 1sts Ohio and Mich., '40. 1sts noted at Ind. and Utah and our firsts at S. E. Mich., Wisc. and 2 at Ohio, '41. 8 Firsts recorded in '42 Winner Tabulation. Fifteen firsts and six special awards in '43 Tabulation. Exhibitors have overlooked its chances to win for "most ruffled". Increased stocks now permit offering all sizes and at substantial reduction.
L .25 M .15 S .10 Blts (100, \$3.00).

"You said you were going to make a real exhibitor out of me and from the looks of a certain box that has just been opened I believe you have done all that is humanly possible toward that end. Thanks a million." 4-7-'42. W. J. F. Michigan City, Ind.



Seedling grown from our seed by D.W. M. of Killarney, Man., who reports self color, beautiful shell pink, $4\frac{1}{4}$ inch florets, 28 inch flowerheads. Grew unsupported. Made 85 bulblets.

"A seedling from your 298 cross (Oeganda x Crystal) grew 70 inches tall, 8 open, 7 inch dia., solid color darker than Takina." 1-20-44. M. A. K., Rockwood, Mich.

"From a Spitfire x Merry Widow seed bought from you last year have an outstanding plant $5\frac{1}{2}$ feet high, very wide blade foliage, $2\frac{1}{2}$ in. 28 in. flowerhead, 16 buds, 10th bloom $6\frac{1}{2}$ in. dia. a soft rose with cream throat. Looks like an all-purpose winner." 10-3-'42. D. H. W., McDonald, Pa.

"As you know I purchased 5 seeds each of many lots. They germinated not less than 4 and thanks to your count many of the lots have 7 and 8 growing." 7-16-'42. H. P. M., St. Joseph, Mo.

"I had very good success with the seed I purchased from you 2 years ago, especially with the Harmau cross. The seedlings from this cross are all clear color even though there is quite a range in the colors and the plants all seem to have unusually good vigor. I think your catalog is without doubt the best one issued and checking your ratings against the blooms at the Midwest show proves that." 3-1-'42. C. R. H., Quincy, Ill.

"Please don't forget to mail me a copy of your 1945 Glad "Fiends" Bible. Some of those seeds I bought from you are going to land in your catalog one of these days. 1-9-44 H. D. S., Jamesville, N. Y.

LEAD YOUR FRIENDS and NEIGHBORS**— HOW TO DO IT**

Simple as can be. Inexpensive, too. Plant healthy, young bulbs of the large size of varieties currently winning first prizes in the major shows of the world. Soil prepared in the fall with heavy applications of well rotted cow manure and bone meal is excellent. Avoid horse manure in any season. Plant in the sunniest location possible. Shelter from strong winds is desirable. Preferably in a group planting by themselves. They can be at their best in rows among the vegetables.

Plant large bulbs 5 inches deep, medium bulbs 4, small bulbs 3 and bulblets 2. If soil is extremely sandy plant somewhat deeper. If very heavy, somewhat less deep. For best bloom production set bulbs apart in row roughly about 4 times their diameter. Sow bulblets thickly, like peas. Distance between rows as little as will permit of your particular method of cultivating, weeding, etc.

Do not make them compete with other roots of trees, shrubs or weeds. Cultivate often and close, keeping surface loose.

Most of us already know that gladiolus prefer a somewhat acid soil. Silt and sand in the composition of your soil is valuable. Avoid lime unless needed to cure a superacid condition (expressed pH 1 to pH 4). Likewise avoid, more importantly, super alkaline soils (pH 8 to pH 14). Neutral is pH 7, but pH 5 to pH 6 is what you should strive to obtain. Your nearest State Agricultural Experiment Station will test samples (a pound or two) of your soil for acidity rating or will advise you how to do it. A well drained soil will have much to do with your cropping disease free bulbs, particularly if dug after a wet fall.

If a heavy application of cow manure (3 to 6 inches deep) and coarse bone meal (25-30 lbs. to 500 sq. ft.) was applied in the fall and the ground left rough, no more fertilizing need be done the following year.

If fall fertilizing was not done, well rotted cow manure may be worked into the soil before planting. After the trench is dug, if soil is heavy, it will be beneficial to spill an inch of fine sand on the bottom before setting the bulbs. If sand is dry it can easily be spread with a sprinkling can with the rose removed from the spout. After the bulbs are set and one half of the excavated soil is returned over the bulbs to protect them from fertilizer contact, a handful of (2-8-10) or of superphosphate, such as (0-16-0) and (0-20-0) may be spread along about 4 ft. of row. This is in lieu of the fall application of the slower bone meal.

If cow manure is not available, you may now substitute in addition to the (2-8-10) or superphosphate used, about 2 handfuls of prepared sheep manure (baked to kill weed seeds) per 4 ft. of row before filling in the upper half of the trench.

Pack the soil a bit (carefully if the bulbs are sprouted) to assist in rapid capillary attraction and speedy growth. If soil is very dry at planting time, drench with water heavily, to penetrate six inches. Thereafter, until time when flower buds can be felt in the stalks, use water very sparingly. Of course, if little or no rains for 15 or 20 day periods drench again and keep the plants well weeded and cultivated.

During the bud to bloom stage is the one time it is desirable to keep the ground definitely on the wet side. Next to impossible in well drained location to get it too wet at this stage. Naturally, if the soil be wet and soft and high winds come, some tall and heavy plants may go over, bulb tilting in the soil and tearing roots, if permitted. We consider it advisable to use some method of staking if the soil is kept extremely wet at this stage. We use some 6 ft. steel stakes, $\frac{3}{16}$ inch diameter and rubber bands. The stakes are inconspicuous and if blooms are cut can be readily moved to other spikes throughout the season.

After the peak of bloom season, if weather becomes extremely hot and there appears any tendency of the stems to soften somewhat, this extra watering may be concluded and very shallow cultivation continued through the balance of the blooming season if you can still get in among the plants to do so.

Whatever general fertilizing method may be used, a "shot in the arm" type may be used on a few or all plants just as the early buds begin to form in the stalks. Use a handful of dried blood meal for about 5 to 10 plants or a handful of ammonium sulphate to about 10 to 15 plants, scratching it in several inches away from the plants. Soak the ground heavily the day before so that the plant will be saturated and in strong growing condition, thus withstanding a shock which might otherwise burn off the rootlets, turn the foliage yellow and stop further growth. This will increase the size of the florets and the length of the spike.

Above formulas are maximum. Many would consider them extreme. We do not remotely approach these extremes ourselves as our aim is a bulb crop and the blooms incidental. But a large number of our customers have used these methods with highly gratifying results.

Purely for commercial bulb production we recommend use of 2-8-10 or better still 3-9-18 applied about 1000 lbs. per acre, disc'd in just before planting or otherwise applied in manner to safeguard the bulbs from actual contact with the material.

Particularly in hot weather, spikes which are cut when but one or two florets are open, fill out with more open at a time when bloomed indoors in the light but not sunlight, away from any breeze, making better exhibition spikes and preventing any fading of colors such as is sometimes found in some of the finest orange scarlets, as well as preventing wilting of varieties without strong substance. Cut stem slantwise to provide larger drinking area and place in water at once to avoid air pockets in stem. Allow three or four leaves to remain on the plant to mature the new bulb which is hardly half grown when spike is cut. At least six more weeks are needed to mature the bulb, except where blooms are from large bulbs of very late sorts, or where blooms arrive at late season from young planting stock.

However, bulbs should be dug while the plants are still green and do not delay too long after average killing frost date in your area.

DONT'S ON DIGGING

Do not leave part of stem on bulb, cut close and burn the tops.

Do not leave bulbs to dry where frosts can reach.

Do not pile deeply. Quick drying (not in hot sunlight) is extremely important to prevent spread of diseases in storage.

Do not remove roots and old bulb for some weeks unless old bulb is soft or shows decay. Wait until they separate with ease and without tearing the new root base. This waiting period is the most desirable time for sprinkling your bulbs lightly with naphthalene flakes. See paragraph on that subject.

BULBLETS

The little hard shelled bulblets will not germinate until moisture reaches them. Therefore, it pays to keep them on the moist, almost continuously wet side to rot the shell until they begin to appear. Bulblets in quantity may be bagged, kept moist by occasional immersion in warm water and in a warm place, for a week or so, to hasten the shell rotting process. If some start rooting, plant all. If expensive bulblets in small lots, you may chip off a fragment of the shell with point of a small pocket knife, using care not to injure eye or root base. Plant early, as soon as ground warms in spring.

BULB SURGERY

A few specks of disease spots, wire worm injury or scab may be gouged out without the slightest harm to the plant provided the bulb retains a good eye and root base. Cutting out these segments only cuts away that much food to start off the new plant. Best dust the cut surface with powdered

charcoal. Next best common sulphur or at least dry until bleeding stops before planting.

Or wipe the cut surface dry with some paper towelling and then paint well with melted paraffin.

You may do these things any time during the storage period, too, or just rely on corrosive sublimate treatment to clear them up.

A plump bulb of 1¼ inches diameter has plenty food to start production of a show specimen spike. If the bulb is 2 inches or more in diameter it may have two or more prominent eyes or sprouts, indicating that it will make as many stalks and spikes. Now this one bulb cannot be expected to make two or more spikes of the same show specimen quality it would produce if held to a single eye and spike. If you want to bring renewed youth and vigor to your old jumbo bulbs and beat the other fellow, just disbud the bulb, i.e., gouge out all eyes except the most prominent one, just as you gouged out the little specks of scab or disease, dusting as before. We are of opinion that bulbs may be lost by this process only by failure to heal the cut surface sufficiently before planting.

NAPHTHALENE FLAKES

We highly recommend this simple and economical treatment. If you allow thrips to feed upon your bulbs they will suck the juices, injure the eyes and rootlets and growth will be retarded and inferior flowers produced, even if you eventually kill them off at planting time by some treatment. Avoid crude naphthalene or camphor or para-dichlorobenzene as they may contain creosote or other injurious chemicals. The best time to use it as soon as the roots are considered too dry to suck any naphthalene into the bulb. Maybe a matter of hours or a few days, depending on drying methods. Do not apply to bulbs from which the old bulb has just been removed, as the severed area is moist for a while and the naphthalene might soak into the bulb. It is safe both to the user and to the bulbs, during their dormant period of storage, even when an overdose is used, provided the bulbs are fairly well dried. One ounce (4 level tablespoons) sprinkled on each 100 large bulbs or equivalent in bulk of smaller sizes, is sufficient if bulbs are stored in closed bottom container. If screen bottom or in onion sacks, double the amount. Will kill insects promptly and gases will continue for several weeks, killing the larvae as soon as hatched. Allow to remain at least 3 weeks. But note they will not hatch under 50 degrees. Do not completely cover the bulbs as evaporation takes place constantly and to prevent it will make the bulbs first damp, then mouldy, then susceptible to rot

and diseases. Applying the flakes in a closed paper bag is safe for a few weeks if bulbs be dry, since some moisture can escape. Avoid wax or oil paper bags since moisture could not escape. If roots and old bulbs are removed several weeks after application, any naphthalene remaining may be removed. If the flakes have not entirely evaporated by the time little root knobs and eye sprouts emerge, showing bulb is no longer dormant, shake out any remaining. Do not use any naphthalene in the trench at planting time since it is safe only to the dormant bulb.

CORROSIVE SUBLIMATE

Also known as mercuric chloride treatment.

This produces such wonderful results, with so little effort, with so little cost, that no one, whether he grows a bed of glads four foot square or four acres, should fail to so treat his bulbs. Regardless of where or how the bulbs grew the preceding year. This gives the bulb a coating that wards off various bulb diseases and fungus attacks. We used to keep our bulbs healthy by this process long before we ever heard of thrips. Now, it has been conclusively proved, this treatment also kills any thrips and their eggs, and, if used, you only need keep a watchful eye for thrips infestation from outside sources. Remember soaking processes are only advisable just before planting. This is not a fall treatment. If your bulbs are husked, they need only be soaked half as long, but we do not advise husking unless you know your bulbs are infested badly and you wish to take no chances on penetration to the bulb. Many have inquired if the treatment is safe to use on badly sprouted or rooted bulbs. This will not harm them.

We have never discovered that any benefits may be had from soaking bulblets in this solution.

We read an article in a Canadian "quarterly" by someone who called himself "I Dip-pem," who said he had a lot of little batches. To keep them separate he obtained some of the women folks' old stockings, slipped a batch into a toe with wooden label, tied the stocking above the batch and so proceeded until all the batches were conveniently ready to soak, remove and drain.

Note Important Revision of formula by U. S. Dept. Ent. to allow additional time for penetration of stubbornly tight husks.

Dissolve 1 oz. of the powder first in a bit of hot water, then pour into 7 gal. of water, preferably above 60 degrees. Remember, cold water may render the treatment ineffective. This must be poured into a non-metal container, such as a crock, wooden pail, glass or unchipped granite ware. Varieties kept separate in cloth bags. No difference if bulbs are then planted wet or dry, but the sooner the

better as much of the coating may be lost if bulbs become dry. Solution weakens with use, so replenish 100% if used again. Soak 8 to 17 hours, preferably night before planting. Be sure bags are fully immersed. Do not use this substance in tablet form unless you learn exactly how much of the tablet, in weight, is actually corrosive sublimate. You want a final solution of about 1-1000. This solution is safe to the hands but is a deadly poison and must be used and disposed of with extreme care.

Suggest you dilute the solution about four to one and pour it about your iris, delphinium or perennials or on any brown spots on your lawn.

NEW IMPROVED CERESAN

As developed by D. B. Creager, formerly Research Plant Pathologist at Urbana, Ill. (and sec'y the Ill. Gladiolus Soc.), now stationed at the Agricultural Experiment Sta. Bradenton, Fla. to further study gladiolus bulb and plant diseases. After four year tests with thousands of bulbs and in conjunction with tests by Michigan groups.

These tests seem to indicate that it cleared off bulb diseases about 15 per cent better than did corrosive sublimate and without bloom delay and that in respect to bulblets, whereas corrosive sublimate reduced the production of healthy bulbs the new improved ceresan increased it about 100 per cent.

Formula in small amount: 1 oz. new improved ceresan, 3 teaspoon Grasselli Spreader-Sticker, 3 gal. water. In larger amount, 1/2 lb., 5 tablespoons, 25 gal., respectively.

Mix the ceresan and spreader wetting agent first with paddle, avoiding hand contact while in this dangerous, concentrated form. Then add the water while stirring.

Soak BULBS in thin cloth bags 15 minutes but not longer than 30 minutes, stirring occasionally. Soak BULBLETS 30 minutes. Plant same day treated else wash out in several water changes to stop the action and spread out thinly to dry. When ready to make the postponed planting dip for a few seconds again. Replace solution after using three times.

This treatment will not cure fusarium rots. Neither this treatment nor LYSOL is safe to use except on dormant bulbs and bulblets, so if bulbs have made appreciable root and sprout growth or if bulblets have been soaked for some time to partly germinate them, do not use this treatment.

For many years we have had shocking tales from growers who used Lysol either too strong or too long or delayed planting too long with-

out corrective measures or planted them in soil so wet the action of the formula was maintained or treated bulbs already starting root and top growth. So many amateurs use makeshift storage quarters too warm to keep bulbs dormant until planting time that they, especially, should study carefully the warnings in this article.

If the New Improved Ceresan and Grasselli Spreader-Sticker cannot be purchased locally, both may be had from Vaughan's Seed Store, 601 W. Jackson Blvd., Chicago, Ill.

TARTAR EMETIC SPRAY FORMULA REVISED

Several years ago the U. S. Dept. of Entomology discarded the old Paris green formula for Tartar Emetic. Since tartar emetic-sugar spray is capable of causing severe flower injury the department tested dosages of lower concentration than first recommended in effort to minimize this damage.

The latest revised Tartar Emetic formula follows: Use either U. S. P. or Technical grade. 2 lbs. tartar emetic, 4 lbs. brown sugar, 100 gal. water.

Interpreted in smaller quantity the new formula reads 1 oz. Tartar Emetic, 2 oz. brown sugar, 3 gal. water.

Never combine other insecticides with tartar emetic-sugar spray as they usually include spreaders which spoil the effect of the bait spray.

Avoid using sticky Tartar Emetic on open blooms.

If sugar, brown or white, is unobtainable, the U. S. Dept. of Entomology suggests substitution of 1 tablespoon of (a) light or dark New Orleans type of molasses (made from sugar cane) or of (b) one of the commercial corn syrups containing small quantities of granulated sugar or of cane syrup for each gal. of water ($3\frac{1}{4}$ pts. per 100 gal.)

THRIPS

If thrips appear on your plants they must be controlled before the bud spikes emerge from the foliage. Watch for any silvery gray streaks on the foliage. If permitted to increase unmolested they will extract juices from the buds resulting in a burned appearance, they will eat streaks of color off the petals even before they unfold and if they unfold at all, the petals may crimp up their edges and dry to a dull brown. Even the young, lemon colored thrips may do this damage to the bud so it is important to kill such adult thrips as may arrive before they lay eggs, also because the young have the bad habit of staying inside the bud and crevices of the plant where they are hard to reach with insecticides. The silvery gray (feeding) streaks on the foliage, in badly infested cases, turn brown, stopping both plant and bulb growth.

In our opinion, thrips come more into the open during the hours of 4-6 P.M., so spraying is most effective if done at that time. Also, the less heat the safer for the plants and evaporation is retarded. If plants are thirsty when spray is applied, spraying hazards are increased. Plants should be well watered but the foliage should be dry before the spray is applied. Spraying but one part of the patch only is inadvisable on account of the migratory habits of the insect.

Above all, we beg our readers not to put off inspecting the plants for thrips infestation until blooms appear. If they already have a good foothold at that time you may have a very discouraging task on your hands.

We recommend **preventive** spraying, once every 10 days after plants are up 6 or 8 inches until blooming. In any event, have your insecticide on hand to use if needed.

If Tartar Emetic is scarce or controlled by priorities this growing season, the U. S. Dept. suggests the substitution of S A L P (sodium antimony lacto phenolate) at the rate of 2 tablespoons per gal. of spray (6 pints per 100 gal.) S A L P may be purchased from Merck & Co., Rahway, N. J., or Mallinckrodt Chemical Works, 3600 N. 2nd St., St. Louis, Mo., or Calif. Spray Chemical Co., Richmond, Calif. or Apex Chemical Co., 225 West 34th Street, N. Y. 1, N. Y.

A WORD TO THE WISE

Disappointment can be minimized by leaving to the highly trained gladiolus specialist the experimentation and cash investment necessary to try out all the new offerings of the many hybridizers. Those who know the quality of competition in national, state and regional shows in the last few years have come to realize that inferior sorts rarely win. We list only those varieties currently, winning first prize awards and, on occasion, a limited few new ones which we have grown and which, in our opinion, are about to take their place in the winning ranks. We have almost no errors to acknowledge.

We have no knowledge of the existence of any other gladiolus catalog in the world that even closely approaches so exclusive a list of prize-winners.

Also, it is well to leave to the federal, state and university entomologists, pathologists and to gladiolus specialists cooperating with them, the determination of best usages for the control of insect pests and bulb and plant diseases. Experimentation by others with poisons, poisonous gases and with insecticides, the component parts of which are not understood by the user, and with unapproved methods of fertilization, usually leads to trouble.

GLADIOLUS SOCIETIES

There are now upwards of forty state and regional societies in the U. S. and twelve provincial or regional societies affiliated with the Canadian Gladiolus Society. Several each in Australia and New Zealand. National societies in England, Holland, Belgium and Germany. Upon request we will assist you to contact your nearest society.

In the U. S. the **New England Gladiolus Society** is the outstanding society with respect to publications. "Regular" membership, \$1.25, entitles you to the 250-page Annual. "Supplement" membership, \$2, entitles you further to the three 36-page supplements published April, July and October. Albin K. Parker, Secretary, Norwood, Mass.

"Affiliate" membership in the N. E. G. S., at \$2.25, entitles you not only to the Annual and 3 or more Supplements, but also to full membership in any one of the following affiliate societies: Blue Ridge (Hagerstown, Md.), Calgary, Conn., E. Bay (Calif.), Eastern N. Y., Empire (N. Y. state), Ill., Ind., Iowa, Maine, Mich., State, Md., Minn., Mont., Nebr., Ohio, Okla., Pa., Pacific N. W., S. E. Mich., S. W. Va., Tri State (Wellsville, Ohio), Utah, Verdun (Que.), Wash., W. Va., Winnipeg, Wisc. and Yakima Valley (Wash.). **Fee for these "Affiliate" memberships should be paid to the secretary of the affiliate society.**

The N. E. G. S. yearbook, **THE GLADIOLUS**, contains articles on almost every gladiolus subject.

The Canadian Gladiolus Society publishes an Annual of about 1-200 pages. This society conducts a Symposium and Rating of about 600 of the foremost gladiolus varieties of today, classifying them into 19 color groups, rating them skillfully within their respective color groups. This feature alone is sufficient to make their publication outstandingly valuable. Affiliated societies are Calgary (publishes an annual), Edmonton, Hamilton, Moncton, North Bay, Oshawa, Quebec, Regina, Saskatoon, Stratford, Thunder Bay, Verdun, (Que.), and Winnipeg.

The mounted **Fischer Color Chart** (108 color blocks) is again available. Send us \$2 and we will have one shortly in your hands, postpaid, together with printed instructions.

British Gladiolus Society. Activity suspended for duration of the war.

Calgary G. S. \$1 (Annual). Geo. A. Barrs, 1705-24A St. West, Calgary, Alta.

Canadian Gladiolus Society, \$2. (Annual). Mrs. J. A. Carleton, Sec'y., 166 Willow Rd., Guelph, Ontario, Canada.

Empire State G. S. \$1. (Eight Bulletins). J. W. Urquhart, Sec'y, 755 Falck Street, Elmira, N. Y.

Illinois G. S. \$1. (4 Regular Bulletins). Ralph E. Kircher, Sec'y, 1419 W. Edwards Street, Springfield, Ill.

Indiana Gladiolus Soc., \$1. (Bi-Monthly Bulletins). Paul T. Ulman, Sec'y, Noblesville, Ind.

Iowa Gladiolus Society, \$1. (Monthly Bulletin). (Also special anniversary year book in '44). R. S. Herrick, Sec'y, State House, Des Moines, Ia.

Maine G. S., \$1. (Annual). Mrs. George J. Walenta, Sec'y, South China, Maine.

Michigan Gladiolus Society, \$1. ("Horticultural News," official monthly publication of the Mich. Hort. Society.) Roger Arnett, Sec'y, Owosso, Mich.

Midwest Gladiolus Societies. \$1. (Quarterly Bulletins). L. E. May, Sec'y, 142 Garden Ave., La Porte, Ind.

Ohio State Gladiolus Society, \$1. (Quarterly Bulletins). The Ohio society is the only U. S. society affiliated with both the Canadian (national) Gladiolus Society and the N. E. G. S. Ohio—C. G. S. \$2.00, saving \$1.00. Ohio—N. E. G. S. \$2.25, saving 75c. The three society combination \$3.25, saving \$1.75, the best literature combination obtainable anywhere. Paya-

ble through W. W. Wood, Ohio society Sec'y, Rudolph, Ohio.

Wisconsin G. S. \$1. (Wisconsin Horticulture," official monthly magazine of the Wis. State Hort. Soc.) Otto Kapschitzke, Sec'y, 1710 Illinois Ave., Sheboygan, Wis.

FREE BULBS

Here is how. This offer is only to secure new members, not renewals and cuts your membership fee in half, as you will readily see.

To all customers sending in Retail orders of \$5 cash and up. If you will also transmit to us your check or money order made out to any of the above societies, in the full amount for one year new membership fee, we will transmit same to such society and you may add to your order bulbs of your own selection from our catalog (at list prices, no further discounts) to the amount of one half of such membership fee.

Illustration: A customer sends in \$5, or larger retail order and selects the Ohio-Canadian affiliation, enclosing \$2.00 made payable to the Ohio society. He selects and adds to his order \$1.00 worth of bulbs (at list prices), without charge. We do the rest.

FREE MEMBERSHIP

To all customers, including foreign, whose purchases at Retail net \$25 or more, provided such customer is not already a member, we will give a paid-up one year membership in the Canadian Gladiolus Society and the Ohio State Gladiolus Society. Or the \$2.00 mounted Fischer Color Chart.

This page is not a gesture. It has been costing us in the neighborhood of \$200.00 in cash and bulbs for many years.

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Mrs. E. Both

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St. Edward

Miss Marlene Both